ENGINEERING POLICIES

Effective Date: May 8, 2018

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1. Preamble

These Engineering Policies have been adopted by Public Utility District No. 1 of Cowlitz County ("District" or "Cowlitz PUD") in the interest of safety, reliability, consistency and efficiency in its operations, maintenance and improvements of the electric transmission and distribution system. These policies establish rules, guidelines and standards that shall be adhered to in the day to day operations of the District. These Policies are to serve as a guide to the employees and representatives of Cowlitz PUD in their performance of the day to day business of the District. Construction details and specifications are written to conform with the present State and National laws governing such matters and are not intended to violate any State, National or Municipal ordinances or laws. Should any new laws or ordinances be adopted, these Policies shall be considered to be amended accordingly.

The Board of Commissioners shall approve any change or revision to the policies included herein, and, the General Manager shall be responsible for the administration of these policies, and for making recommendations on necessary or desired changes.

2. Definitions

Special terms when used in these policies shall have the following meanings:

Alternate Service: Electric service to a customer from a second electrically independent circuit for which the District provides a second path for supply of service in the event of the failure of the first circuit. Alternate Service facilities include, but are not limited to, the substation and distribution line capacity reserved for the customer's exclusive use, plus any additional metering or switching equipment required, which is beyond the District's normal responsibility for providing electric service.

Commercial mobile services: Defined in Section 322 of the Communications Act and the FCC rules, and include cellular telephone services regulated under Part 22 of the FCC's rules, SMR (specialized mobile radio) services regulated under Part 90 of the FCC's rules, and PCS (personal communication service) regulated under Part 24 of the FCC's rules. 47 C.F.R. 20.9.

Certificate of Completion: The certificate furnished by the District and completed by the interconnection applicant or generator and the electrical inspector having jurisdiction over the installation of the facilities indicating completion of installation and inspection of the interconnection.

Collocation: The use of a wireless telecommunications facility by more than one Wireless Communications Owner.

Electric system: All electrical wires, equipment, and other facilities owned or provided by the District that are used to transmit and deliver electricity to customers.

FAA: Federal Aviation Administration.

FCC: Federal Communications Commission.

Generating facility: A source of electricity owned by a customer 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 District's electric system.

Generator: The entity that owns and operates a generating facility interconnected to the District's electric system.

Initial Operation: The first time the generating facility is in parallel operation with the electric system.

In-service Date: The date on which the generating facility and any related facilities are complete and ready for service, even if the generating facility is not placed in service on or by that date.

Interconnection: The physical connection of a generating facility to the electric system so that parallel operation may occur.

Interconnection Agreement: 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: The electrical wires, switches and other equipment used to interconnect a generating facility to the electric system.

Lattice Tower: A support structure constructed of vertical metal struts and cross braces forming a triangle or square structure which often tapers from the foundation to the top.

Maximum Generating Capacity: The maximum amount of energy that the generator is capable of producing on an instantaneous basis.

Meter Aggregation: The administrative combination of readings from a billing for all meters, regardless of the rate class, on a premise owned or leased by a customer-generator located within the Cowlitz PUD service territory.

Monopole: A support structure constructed of a single, self-supporting hollow metal tube securely anchored to a foundation.

Net Metering: Measuring the difference between the electricity supplied by the District and the electricity generated by a generating facility that is fed back to the District over the applicable billing period.

Parallel Operation or **Operate in Parallel:** The synchronous operation of a generating facility while interconnected with the District's electric system.

Permanent residence: Any structure designed for human habitation meeting the required uniform building codes and for which a building permit has been issued for residential occupancy. A mobile home must be on a permanent foundation or other support independent of the running gear and comply with all mobile home code requirements

Personal wireless services: Includes commercial mobile services, unlicensed wireless services and common carrier wireless exchange access services.

Point of Common Coupling (PCC): The point where the generating facility's local electric power system connects to the District's electric system, such as the electric power revenue meter or at the location of the equipment designated to interrupt, separate or disconnect the connection between the generating facility and the District.

Production Metering: Metering equipment and wiring installed at a point in the applicant's system that meters only the output of the generator.

System Improvement: Construction required to replace, upgrade or install new facilities for the purpose of expansion or improvement of the District's electric system.

Telecommunication: The technology which enables information to be exchanged through the transmission of voice, video, or data signals by means of electrical or electromagnetic systems.

Wireless Communications Owner: The entity which ultimately owns and is proposing to construct, install or modify wireless communications towers and/or related equipment including, but not limited to, antennas, equipment shelters or cabinets, towers, guy wires, and related facilities. This also includes the entity applying for all required permits and permissions to construct, install or modify such facilities on behalf of the actual owner.

Wireless telecommunications antenna: The physical device through which electromagnetic, wireless telecommunications signals authorized by the Federal Communications Commission are transmitted or received.

Wireless telecommunications equipment shelter: The structure in which the electronic receiving and relay equipment for a wireless telecommunications facility is housed.

Wireless telecommunications facility: A facility consisting of the equipment and structures involved in transmitting and receiving telecommunications or radio signals.

Wireless telecommunications Tower: A structure intended to support equipment used to transmit and/or receive telecommunications signals including monopoles, guyed and lattice construction steel structures.

3. Rights of Way Policy

3.1 Acquisition of Rights of Ways

3.1.1 For Distribution Lines: Where practicable, distribution lines shall be built upon private property, rather than upon road or highway rights-of-ways. At the discretion of the District, easements or permits shall be obtained from each property owner prior to the construction of any line upon owner's property.

3.1.1.1 Considering the public service nature of the distribution of adequate quantities of electricity to farms, residences and commercial or industrial establishments, and with due regard given to the fact that the availability of electric service tends to enhance the value of all properties, the District has made no payment for rights-of-ways for distribution lines. This practice shall continue, insofar as is practical.

3.1.2 For Transmission Lines: Since the benefits derived from a high voltage transmission line may be spread over an entire area, without being able to clearly identify these benefits with respect to any individual or group of individuals, rights-of-ways for transmission lines that use structures of more than one pole, or cross properties without regard to boundary lines may be compensated for.

3.1.2.1 Compensation to property owners shall be negotiated generally on the basis of impact to the property occasioned by the existence of such lines, with due regard given to the following factors:

- Type of land
- Type of farming or other use of the land
- Percent loss of use of the land due to the existence of the electric lines
- Width of right-of-ways
- Type of construction, etc.
- Access to rights-of-way
- Fair market value of the land.
- Other methodologies as agreed to by the District within applicable legal requirements.

3.1.3 Prior to constructing any new transmission or distribution lines in public rights-of-ways, the District shall inquire as to the likelihood of any given right-of-way being altered or improved within 5 years after job completion. If the right-of-way is likely to be altered or improved within 5 years after job completion, the District shall look at the feasibility of constructing the new lines on private property.

3.1.4 At the discretion of the District, easements, licenses or permits shall be obtained from each property owner prior to the construction of any line upon his or her property, whether for transmission or distribution purposes, and the easements or permits, or a memorandum thereof, shall be made public record by recording said easement, permit or memorandum with the Cowlitz County Auditor's Office.

3.2 Clearing & Clean-up of Rights-of-Ways

3.2.1 At the time of installation or maintenance of the District's lines, the clearing of trees and brush from rights-of-ways shall be accomplished at the expense of the District, and shall be in accordance with all rules and regulations regarding disposal of debris. In no event will debris be allowed to accumulate to the detriment of aesthetic values. If marketable timber is cut in the process of clearing rights-of-ways, the property owner may be compensated for the loss, in an amount equal to its market value.

3.2.2 During construction, operation, and maintenance activities, rights-of-ways shall be kept in a neat and orderly manner. In no event will debris be allowed to accumulate. Debris may be chipped and broadcast or hauled away and disposed of. Limbs may be cut-up in small pieces and spread or removed. Where clean-up of rights-of-ways is required, said clean up shall be completed to District standards, which may include, but is not limited to, chemicals, and chipping or cutting of limbs to within 18 inches of ground level. An inspection shall be made by District personnel to ascertain that the clean-up is properly done.

3.2.3 Any unusual damage to crops, grassland, or other non-permanent damage to property caused by the construction, operation, or maintenance of the electric lines may be compensated for by the District. In the event that construction is performed by contract, these damages shall be passed on to the contractor, if applicable to their operation.

3.2.4 Use of Rights-of-Ways:

3.2.4.1 The District's rights-of-ways, as well as the District's access thereto, shall remain unobstructed from any permanent structures. Any permanent structure erected near the District's electric lines shall not be any closer than that prescribed by Washington State Code and National Electric Safety Code standards. In the event the District provides a variance to any given landowner for any kind of construction within any given right-of-way, the construction, and any grade changes under or over the District's overhead or underground facilities, shall not be performed without first obtaining the District's approval.

3.2.4.2 While the landowner shall not obstruct the District's rights-of-ways area with the installation of any structures or improvements, the District recognizes that the landowner shall have the right to use and maintain said property for their own

purposes. The landowner shall be responsible for noxious weed control on their property. If landscaping damage is caused by the District's access of the rights-of-ways, the District may compensate the landowner or return the landscaping to near its original condition.

3.3 Maintenance & Care of Rights-of-Ways

3.3.1 Existing Trees: In the event the clearing of rights-of-ways necessitates the removal of decorative trees, the District may furnish at its discretion, without cost to the property owner, replacement stock; provided, however, that the District will only provide replacement trees and shrubs that will not interfere with the District's use or access to the rights-of-ways. The property owner will be responsible for the care of said trees.

3.3.2 New Trees: The District will furnish, at its wholesale cost, trees to be planted beneath its electric lines in any area. These shall be of the small ornamental type that will not grow to a height great enough to reach the power lines. The property owner will place the trees so as not to unduly interfere with the District's access of the rights-of-ways. The property owner will be responsible for the care of said trees.

3.3.3 Weeds: Weeds of every kind and nature, noxious or otherwise, are not a hazard to the District's rights-of-ways. Therefore, other than occasional clearing for installation and maintenance of the District's lines, the control and/or eradication of weeds of every kind and nature shall be the sole responsibility of the landowner.

3.3.4 Previous Ownership: Anything within the District's rights-of-ways that was left behind by a previous landowner shall not be the responsibility of the District. Rather, it shall be the sole responsibility of the current landowner, and upon request of the District shall be removed from the District's rights-of-ways so it is not a nuisance to the District during the installation or maintenance of its facilities.

3.3.5 Substation and Other Grounds: The District will landscape and maintain its substation and other properties in a manner that will be a credit to their surroundings. In no event will refuse be permitted to accumulate to the detriment of aesthetic values.

3.4 Responsibility

3.4.1 The General Manager and the Director of Engineering are authorized to execute in the name of the District formal applications for permits to construct facilities across lands belonging to the United States, State of Washington, or other parties.

3.4.2 The General Manager and the Director of Engineering are authorized to execute on behalf of the District all such agreements pertaining to the granting, termination or acceptance of licenses, permits, easements, franchises, or other such documents that

may be necessary, to cross the rights-of-ways or properties of, including but not limited to the United States, the State of Washington, State departments or political subdivisions and regulated utilities, as well as with firms and individuals, and such execution by the General Manager or Director of Engineering shall be deemed to be as valid an execution on behalf of the District as if executed by the President and Secretary of the Commission.

4. Line Extension Policy

4.1 Line Design Criteria

4.1.1 All line extensions will be subject to the District's determination of feasibility, and will be located and designed by the District to ensure a safe, reliable and sustainable electric system. The District will install, own and maintain distribution facilities necessary for the line extension. In addition, materials and labor provided by the customer, as required by the District, are considered a contribution-in-aid to construction and, therefore, become property of the District upon acceptance by the District. The District will then assume future maintenance responsibilities of such material.

4.1.2 The extension of District facilities, either overhead or underground, must be feasible on a safety, operational, and sound engineering basis, as determined by the District.

4.1.3 All new services shall be underground, subject to engineering feasibility as determined by the District.

4.1.4 Wherever practical, lines will be installed along roads or other accessible routes to areas being developed to allow efficient operations and maintainability of lines.

4.1.5 Line extensions owned and maintained by the District will remain in place as long as customers utilize them for electric service. When it is determined that District facilities have been idle for a period of one year the District has the right to remove the facilities or parts thereof. The District will attempt to contact the property owner to determine if a future need exists for the idle facilities. Customers who are not using any energy but wish to have the facilities available can do so by paying a monthly service charge as determined by the District.

4.2 New Electric Facility Extensions

4.2.1 The customer must own, be purchasing, or possess a lease satisfactory to the District for the property to be served with electricity.

4.2.2 The customer shall supply the District with easements for extended electrical facilities, as required by the District, prior to the installation of service.

4.2.3 The customer shall be responsible for clearing the rights-of-ways on private property and shall provide all trenching, backfilling, conduits, vaults, transformer pads, and other devices as required by the District and any non-standard secondary and/or primary conductor as may be necessary. Pad-mount transformers and enclosures shall be protected by properly installed barriers where required by the District. All work performed must be as approved and accepted by the District, and all materials

furnished must meet the District's specifications. Failure by the customer to properly perform these functions in accordance with the District's specifications shall be cause for the District to withhold electric service to the customer until such time that corrections are made.

4.2.4 Modifications to transmission or sub transmission voltage facilities or substations are not considered Line Extensions for purposes of this policy and require special contract arrangements.

4.2.5 Residential Extensions: The District will install underground distribution facilities to the point of delivery of the premise. In advance, the owner shall pay the District's estimated cost of the installation of all necessary electrical facilities required to serve the line extension, including transformers. A residential secondary service from an existing transformer will be charged a fee as listed in the Engineering Fee Schedule found on the Cowlitz PUD website and available upon request.

4.2.6 Commercial Extensions: The District will install underground distribution facilities to the development. The owner/developer shall pay in advance the District's estimated cost of the installation of all necessary electrical facilities required to serve the line extension, including transformers. At the District's discretion, large commercial loads may be subject to the Facility Connection Requirements Policy in Section 8 below

4.2.7 Subdivision Extensions: The District will install underground distribution facilities in a house/manufactured home subdivision. The owner/developer shall pay in advance the District's estimated cost of the installation of all necessary electrical facilities required to serve the line extension, including transformers. At the District's discretion, larger subdivision developments may be subject to the Facility Connection Requirements Policy in Section 8 below

4.2.8 Mobile home Courts, RV Parks, RV Spaces and Recreational Parks: The District will install the primary underground distribution facilities including cable, transformers, meters, and protective devices. The owner/developer will be responsible for all secondary cable and devices. The owner/developer shall pay in advance the District's estimated cost of the installation of all facilities. The District will supply electric service to mobile home courts, RV parks and recreational parks at the General Service Rate Schedule(s).

4.2.9 Special Provisions for Large Developments: Larger residential or commercial developments occasionally will require Backbone primary distribution facilities of greater capacity than the load to be served in order to provide for reliability and operability of service. For these projects at the sole determination of the District, if the overall system benefits from a greater capacity Backbone System, improvements contemplated by the District that are not caused by the customer's load shall be funded by the District.~~the customer will provide all trenching, ducts and vaults as required by the District. The District will provide all Backbone primary~~

~~conductors and devices with a current rating of 400 amps or greater to support the project.~~. Extensions to serve load from this Backbone conductor will be as provided in 4.2.5 – 4.2.8 above.

4.3 Temporary Service

4.3.1 Temporary services shall not remain in service beyond 12 months from the time of installation without written authorization from the District.

4.3.2 Service over 100 amps: The customer shall be required to pay in advance the estimated cost of installing and removing facilities to provide temporary electric service regardless of whether or not a new customer is connected. The cost will consist of materials installed, including transformers, labor to install and remove materials, less salvage, if any, of removed materials. For the purpose of temporary services in use 12 months or less, transformers used will be credited original cost, less handling charges, when removed.

4.3.3 Service under 100 amps: The installation of a construction temporary service, consisting of a service drop from an existing overhead transformer or a connection of the customer's secondary to an existing District pad-mounted transformer will be connected at no charge, where a subsequent permanent service will be connected.

4.3.4 Christmas tree lots, firework stands or other seasonal short term use consisting of a service drop from an existing transformer or a connection of the customer's secondary to an existing District pad-mounted transformer will be charged a flat rated fee as listed in the Engineering Fee Schedule.

4.4 Changes to Existing Facilities

4.4.1 Additional Loads: If a customer increases electric load to the extent that the District's current facilities are not adequate to serve such load, the customer shall be required to pay the costs of upgrading District facilities. It is the customer's responsibility to notify the District well in advance of adding load to allow sufficient time to upgrade the facilities. If a customer fails to notify the District or uses the added load before the District can upgrade its facilities, and the District's facilities are damaged as a result thereof, the customer will be responsible for payment for such damage.

4.4.2 Relocation of District Facilities - Overhead or Underground: If a customer requests the relocation of any District-owned equipment or facilities, i.e., poles, anchors, enclosures, transformers, conductors, vaults, and other devices, etc., and the District approves the request, the customer shall pay the actual relocation costs as

determined by the District. The customer shall supply the District with necessary rights-of-ways or easements satisfactory to the District.

4.4.3 Conversion from Overhead Service to Underground Primary or Secondary Service: If a customer requests, and the District agrees to convert an overhead service to underground, the customer will be responsible for all trenching, conduit, vaults, and transformer pads, and other devices as required by the District, rewiring the service entrance to accommodate the underground connections, and providing the necessary rights-of-ways or easements satisfactory to the District. The customer will also be required to pay the District's costs associated with the installation. The District will remove the existing overhead facilities at its cost.

4.4.4 Conversion of Overhead Distribution Lines to Underground: If one or more customers request and the District agrees to the conversion of overhead facilities along a street or road to underground, it will be necessary for the customers to submit a plan or drawing and a document with the signatures of all participants in the project committing to pay their share of the cost. The customers shall provide all trenching and backfilling, furnish and install conduit, vaults and transformer pads, and other devices as required by the District, obtain all required rights-of-way and easements and rewire the service entrances on the buildings as necessary to accept underground service. The customers will be required to pay the District's costs of labor and materials associated with the conversion. The District will remove the existing overhead facilities at its expense.

4.5 Calculation of Costs

4.5.1 Each customer applying for electric service requiring the installation of District facilities shall pay an application fee as listed in the Engineering Schedule of Fees, to initiate the engineering design and administrative work required. For customers who proceed with their plans and have electric service installed within one year, the application fee will be credited to the job cost. For customers that fail to notify the District that they are ready for service within one year from the date of the service application, the fee will be forfeited to the District to partially reimburse the District for the expense of its engineering and administrative work.

4.5.2 Underground Line Extension Requirements: All trenching, conduits, vaults and transformer pads, and other devices as required by the District shall be provided by the customer according to District specifications. In addition, the costs of all required permits obtained by the District necessary for the project shall be paid for by the customer. The District may require trenching work within public right-of-ways be completed by District personnel or its contractor at the expense of the customer.

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4.5.3 Subdivisions, Mobile Home Courts, RV Parks, RV Spaces and Recreational Parks Extension: Each developer applying for electric service requiring the installation of District facilities shall pay an application fee as listed in the Engineering Schedule of Fees, to initiate the engineering design and administrative work required.

4.5.4 All estimated costs of electrical construction work performed by the District, in excess of amounts that may be expended as system improvement, shall be paid by the customer prior to the installation of electric service. System improvements are facilities provided for area development, system betterment, or system maintenance, as determined by the District.

4.6 Responsibilities

4.6.1 The Director of Engineering or designee shall approve all work orders for line extensions and allocation of system improvement costs.

5. Transmission & Distribution System Improvement Policy

5.1 Transmission and Distribution Capital Budget

5.1.1 The District's Electric Transmission and Distribution Capital Budget shall be comprised of construction items recommended by District staff and approved by the Board of Commissioners on a calendar year basis. These items include replacements, upgrades and installation of new facilities to the District's transmission and distribution system.

5.1.2 The District shall track the Transmission and Distribution Capital Budget Expenditures by use of District budget codes and work orders.

5.1.3 The District shall use standing budget codes to track costs of routine work orders that typically reoccur from year-to-year. The District shall use specific budget codes to track costs on non-routine work orders that may have multiple work orders and/or extend for multiple years.

5.1.4 Work orders are prepared for individual projects and used to track costs. This allows District staff to review project estimates and to update estimate techniques as required.

5.2 Management Responsibilities and Approval Authority

5.2.1 Director of Engineering shall be responsible for the District's Capital Requirements Plan, implementation of the District's Electric Transmission and Distribution System Improvement Capital Budget after its approval by the Board of Commissioners,

approval of all work orders for electric transmission and distribution system improvement, and preparation of the requisite documents for the General Manager or the Board of Commissioners as applicable for the approval of non-budgeted Electric Transmission and Distribution System Improvement Capital Expenditures.

6. Generation Interconnections Standards Policy (Generation < 100kW)

6.1 Application of Rules

6.1.1 These rules include various requirements applicable to the District and the customer for generating capacity of not more than 100 Kilowatts.

6.1.2 These rules can modify, if necessary, any existing interconnection rules of the District, including but not limited to, rules implementing chapter 80.60 RCW, Net Metering of Electricity and Public Utility Tax

6.2 Technical Standards for Interconnection

The technical standards listed in this section shall apply to all generating facilities to be interconnected to the District under this policy.

6.2.1 General interconnection requirements:

6.2.1.1 Any generating facility desiring to interconnect with the District's electric system or modify an existing interconnection must meet all minimum technical specifications applicable, in their most current approved version, as set forth in this policy.

6.2.1.2 The specifications and requirements in this section are intended to mitigate possible adverse impacts caused by the generating facility on District equipment and personnel and on other customers of Cowlitz PUD. They are not intended to address protection of the generating facility itself, generating facility personnel, or its internal load. It is the responsibility of the generating facility to comply with the requirements of all appropriate standards, codes, statutes and authorities to protect its own facilities, personnel, and loads.

6.2.1.3 The specifications and requirements in this section shall apply generally to the non- District-owned electric generation equipment to which this standard and agreement(s) apply throughout the period encompassing the generator's installation, testing and commissioning, operation, maintenance, decommissioning and removal of said equipment. The District may verify compliance at any time, with reasonable notice.

6.2.1.4 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 Electronics Engineers (IEEE), American National Standards 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.

6.2.1.5 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.

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

6.2.2 Specific interconnection requirements.

6.2.2.1 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 District's electric system. The disconnect switch shall be located adjacent to District 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 Cowlitz PUD personnel at all times.

6.2.2.2 The requirement in subsection 6.2.2.1 above may be waived by the District if: 1) applicant provides interconnection equipment that applicant can demonstrate, to the satisfaction of the District, performs physical disconnection of the generating equipment supply internally; and 2) applicant agrees that its service may be disconnected entirely if generating equipment must be physically disconnected for any reason.

6.2.2.3 The District 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, or these rules;
- if the generating facility at any time adversely affects or endangers any person, the property of any person, the District's operation of its electric system or the quality of the District's service to other customers; or
- failure of the owner of record, as filed with the District, to notify the District of a sale or transfer of the generator, interconnecting facilities or the premises on which the generator is located.

6.2.2.4 Nominal voltage and phase configuration of applicant's generating facility must be compatible to the District system at the point of common coupling.

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

6.2.3.1 IEEE Standard 1547-2003, Standard for Interconnecting Distributed Resources with Electric Power Systems.

6.2.3.2 UL Standard 1741, Inverters, Converters, and Controllers for Use in Independent Power Systems. Equipment must be UL listed.

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

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

6.2.4.1 IEEE Standard 1547-2003, Standard for Interconnecting Distributed Resources with Electric Power Systems.

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

6.2.4.3 Applicants proposing such interconnection may also be required to submit a power factor mitigation plan for District review and approval.

6.3 Application for Generation Interconnection

6.3.1 When an applicant requests interconnection from the District, the applicant shall be responsible for conforming to the rules and regulations that are in effect and on file with the District. The District will designate a point of contact and provide a telephone number or website address for this purpose. 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 District prior to installing the generating facility.

6.3.2 A non-refundable Application Fee will be required as listed in the Engineering Fee Schedule.

6.3.3 Application Prioritization: All generation interconnection requests pursuant to this policy will be prioritized by the District in the same manner as any new load requests.

Preference will not be given to either request type. The District will process the application and provide interconnection in a time frame consistent with the average of other service connections.

6.3.4 Application evaluation: All generation interconnection requests pursuant to this policy will be reviewed by the District for compliance with these rules. If the District in its sole discretion finds that the application does not comply with this policy, the District may reject the application. If the District rejects the application, it shall provide the applicant with written notification stating its reasons for rejecting the application.

6.4 General Terms and Conditions of Interconnection

6.4.1 Any electrical generating facility with a maximum electrical generating capacity of 100 kW or less must comply with these rules to be eligible to interconnect and operate in parallel with the District's electric system. The rules under this policy shall apply to all interconnecting generating facilities that are intended to operate in parallel with the District's electric system irrespective of whether the applicant intends to generate energy to serve all or a part of the applicant's load.

6.4.2 In order to ensure system safety and reliability of interconnected operations, all interconnected generating facilities shall be constructed and operated by generator in accordance with this policy and all other applicable federal, state, and local laws and regulations.

6.4.3 Prior to initial operation, all generators must submit a certificate of completion to the District, which includes a completed utility inspection/witness test; execute the appropriate interconnection agreement, and any other agreement(s) required by these rules for the disposition of the generating facility's electric power output. The interconnection agreement between the District and generator outlines the interconnection standards, cost allocation and billing agreements, and on-going maintenance and operation requirements. Forms can be found on the District's website on the Net Metering page or may be requested from the Engineering Department.

6.4.4 Applicant or generator shall promptly furnish the District with copies of such plans, specifications, records, and other information relating to the generating facility or the ownership, operation, use, or maintenance of the generating facility, as may be reasonably requested by the District from time to time.

6.4.5 For the purposes of public and working personnel safety, any non-approved generation interconnections discovered will be immediately disconnected from the District system.

6.4.6 To ensure reliable service to all District customers and to minimize possible problems for other customers, the District will review the need for a dedicated-to-single-customer distribution transformer. Interconnecting generating facilities under 100 kW may require a separate transformer. If the District requires a dedicated distribution transformer, the applicant or generator shall pay for all costs of the new transformer and related facilities.

6.4.7 Metering:

6.4.7.1 Net Metering for Solar, Wind, Hydropower and Fuel Cells as set forth in RCW 80.60: the District shall install, own and maintain a kilowatt-hour meter, or meters as the installation may determine, capable of registering the bi-directional flow of electricity at the point of common coupling at a level of accuracy that meets all applicable standards, regulations and statutes. The meter(s) may measure such parameters as time of delivery, power factor, voltage and such other parameters as the District shall specify. The applicant shall provide space for metering equipment. It will be the applicant's responsibility to provide the current transformer enclosure (if required), meter socket(s) and junction box after the applicant has submitted drawings and equipment specifications for the District approval. The District may approve other generating sources for net metering but is not required to do so.

6.4.7.2 Production Metering. The District may require separate metering for production. This meter will record all generation produced and will be accounted for separately from any net metering or customer usage metering. All costs associated with the installation of production metering will be paid by the applicant, including the cost to provide and install a District owned meter.

- Single Phase - $250
- Three Phase – Actual costs.

6.4.7.3 Meter Aggregation. If requested, the District will provide meter aggregation. Kilowatt-hours credits earned by net metering during the billing period shall be first used to offset electricity supplied by the District. Not more than a total of 100 KW shall be aggregated per customer participating in net metering. Excess kilowatt-hours credits earned by the net metering system, during the same billing period, shall be credited equally by the District to remaining meters located on all premises of the net metering customer at the designated rate schedule of each meter. Meters will not change rate class due to meter aggregation.

6.4.8 Common labeling furnished or approved by the District and in accordance with NEC requirements must be posted on meter base, disconnects, and transformers informing working personnel that generation is operating at or is located on the premises.

6.4.9 As currently set forth for qualifying generation under RCW 80.60.040, for solar, wind, hydro or fuel cells no additional insurance will be necessary. However, the District shall not be liable directly or indirectly for permitting or continuing to allow an attachment of a net metering system, or for the act or omissions of the Generator that cause loss or injury, including death, to any third party. For other generating facilities permitted under these standards and rules but not contained within RCW 80.60, additional insurance, limitations of liability and indemnification may be required by the District.

6.4.10 Prior to any future modification or expansion of the generating facility, the generator will obtain District review and approval. The District reserves the right to require the generator, at the generator's expense, to provide corrections or additions to existing electrical devices in the event of modification of government or industry regulations and standards.

6.4.11 For the overall safety and protection of the District system, RCW 80.60 currently limits interconnection of generation for net metering to 0.5% of the District's peak demand during 1996. Additionally, interconnection of generating facilities to individual distribution feeders will be limited to 10% of the feeder's peak capacity.

6.4.12 It is the responsibility of the generator to protect its facilities, loads and equipment and comply with the requirements of all appropriate standards, codes, statutes and authorities.

6.4.13 Charges by the District to the applicant or generator in addition to the application fee, if any, will be the estimated District costs applied as appropriate. Such costs may include, but are not limited to, transformers, production meters, and District testing, qualification, and approval of non UL 1741 listed equipment. The generator shall be responsible for any costs associated with any future upgrade or modification to its interconnected system required by modifications in the District's electric system.

6.4.14 This policy governs the terms and conditions under which the applicant's generating facility will interconnect with, and operate in parallel with, the District's electric system. This policy does not govern the settlement, purchase or delivery of any power generated by applicant's generating facility. The purchase or delivery of power, including net metering of electricity pursuant to Chapter 80.60. RCW and other services that the applicant may require will be covered by separate agreement or pursuant to the terms, conditions and rates as may be from time to time approved by the District. Any such agreement shall be complete prior to initial operation and filed with Cowlitz PUD.

6.4.15 Generator may disconnect the generating facility at any time; provided that the generator provides reasonable advance notice to the District.

6.4.16 Generator shall notify Cowlitz PUD prior to the sale of the premises and transfer of ownership of the generating facilities, the interconnection facilities and the premises upon which the facilities are located. The applicant or generator shall not assign its rights or obligations under any agreement entered into pursuant to these rules without the prior written consent of the District, which consent shall not be unreasonably withheld.

6.5 Certificate of Completion

All generating facilities must obtain an electrical permit and pass electrical inspection before they can be connected or operated in parallel with the District's electric system. Generator shall provide written certification to the District that the generating facility has been installed and inspected in compliance with the local building and/or electrical codes.

6.6 Required Filings – Exceptions

6.6.1 The District shall maintain on file for inspection at its place of business, the charges, terms and conditions for interconnections pursuant to these rules. Such filing includes forms of the following documents and contracts:

- Application
- Interconnection agreements
- Certificate of Completion
- Customer Checklist

7. Alternate Electric Service Policy

7.1 Availability

The District will provide Alternate Service at the request of a Customer who demonstrates a requirement for a higher than normal degree of service continuity and who receives service under Rate Schedules 5 or 8. The District will exercise every effort to provide reliable and continuous service, and maintain Alternate Service to the best of its ability consistent with the need to operate and maintain its overall distribution system, and will notify the Customer if the Alternate Service is to be discontinued for any extended period of time. However, it is recognized that the District cannot guarantee continuous availability of the Alternate Service. Alternate Service will be provided only under a contract between the District and a Customer.

7.2 Contract Provisions

Alternate Service contracts will provide generally as follows:

7.2.1 The Customer will specify its Alternate Service kVA Demand (Contract Demand) requirement and the period of time for which Alternate Service is required.

7.2.2 The design and arrangement of both the preferred and alternate circuits will be at the option of the District. The Customer will install and maintain an automatic transfer switch. The characteristics, arrangement, and operation of the transfer switch and the associated circuits will be subject to the District's approval.

7.2.3 The Customer will pay the District a monthly charge or lump sum payment to cover the cost of facilities necessary to provide the Alternate Service.

7.2.4 The kVA Demand on the Alternate Service will be measured by separate kW and kVAr Demand meters. Should the Customer impose a kVA Demand on the Alternate Service facilities that is in excess of the amount contracted for, the Customer will be in default of the present contract and be required to execute a new contract for Alternate Service, reflecting the additional cost of the District to provide the increased level of service. The Customer will be billed the actual cost of any damage to the District's facilities caused by the Customer's Alternate Service Demand in excess of the contracted amount.

7.3 Rate for Electric Distribution Reserve Service

In addition to the Customer's normal monthly charges for electric service, the District will charge a minimum monthly rate that recovers costs related to reserving and maintaining Alternate Service. The rate is designed to recover costs of facility capacity, operations and maintenance and other costs associated with the delivery of electric service to all customers. Accordingly, the District will review and may adjust Alternate Electric Service rate during the normal course of reviewing and adjusting rates for all customers.

7.4 Existing Alternate Service Customers

Unless otherwise specifically provided, a Customer receiving Alternate Service on or before April 1, 2008 will continue to receive Alternate Service without charge subject to the conditions listed below.

7.4.1 Should the nature of the Premises change, Alternate Service without charge will be discontinued after 30 days' written notice by the District.

7.4.2 Should an additional investment be required of the District to continue to furnish Alternate Service, the Customer will be so notified and given the option of limiting the kVA Demand of Alternate Service required to that which is available from the District at no charge or executing an agreement with the District for Alternate Service in accordance with this policy.

7.4.3 Should a Customer receiving Alternate Service without charge modify its facilities such that an increase in Alternate Service requirement occurs, the Customer must execute an agreement with the District for Alternate Service in accordance with this policy.

7.5 Termination of Alternate Service

The Customer may terminate the agreement for Alternate Service upon 30 days' written notice to the District. If there is no value to the District for the alternate service facilities to remain in service, the customer will pay the District to remove such facilities, less any salvage value.

8. Facility and Generation (>100kW) Connection Requirements Policy

8.1 Facility Interconnection Program

8.1.1 The Director of Engineering will create and maintain a Facility Interconnection Program that complies with the Electric System Interconnection Requirements applicable to NERC Reliability Standard FAC-001-2 and subsequent revisions. The purpose of the program is to avoid adverse impacts on the quality of service and reliability of the District's system and the greater Bulk Electric System that may be caused by large generators.

8.1.2 The requirements shall apply to all new generators with capacity over 100kW, any utility interconnections and end use facilities serving new loads greater than 2500kW. The District reserves the right to enforce this policy on loads less than 2500kW when circumstances require additional study.

8.1.3 Additionally, these requirements shall apply to all modifications of existing facilities in the categories mentioned above. These requirements shall also apply to co-generation entities that implement changes in their normal operations, which result in a change to District's obligation to serve retail load. Detailed information regarding Facility Connection Requirements is provided on the District's website at Facility Connection Requirements | Cowlitz PUD.

8.2 Consideration of New Interconnection

As defined in Sections 8.2.1, 8.2.2 and 8.2.3 below, the general interconnection process consists of three stages, each of which the District will take up to 45 days to complete; provided however, the District reserves the right to take whatever time that is necessary to complete the studies given other priorities and pending interconnection requests. The District shall use reasonable efforts to keep the applicant apprised of the timeline necessary to complete this process.

8.2.1 Feasibility Study: Upon acceptance of a Request for Interconnection application and Interconnection Study Agreement, the District will perform a preliminary evaluation of the feasibility of the interconnection request. An initial plan of service will be determined to identify the point of interconnection and delivery voltage. If after completion of a Feasibility Study the applicant elects not to execute the System Impact Study Agreement the applicant will be deemed to have withdrawn its request for interconnection.

8.2.2 System Impact Study: Subsequent to the Feasibility Study and upon acceptance of an Interconnection Study Agreement, the District will perform a study to determine the impact of the proposed interconnection on the reliability of the Transmission System

using criteria of the District, BPA, WECC and NERC. This study will identify any District and neighboring system impacts. Neighboring system impacts will necessitate a Joint Study.

8.2.3 Facilities Study: Subsequent to the System Impact Study and upon acceptance of an Interconnection Study Agreement for a facilities study, the District will review and determine the equipment, engineering, procurement and construction work necessary to implement the conclusions of the Interconnection System Impact Study including the estimated cost thereof.

9. Communications Tower Sighting Policy

9.1 Use Regulations

Wireless telecommunications facilities are permitted and allowed under varying conditions dependent upon their form and Zoning District in which the facility is to be located. The following requirements apply to all wireless telecommunications facilities in all Zoning Districts. These general standards are to be supplemented with the specific regulations for nonresidential and residential districts as set forth within the individual municipalities' ordinances and regulations. The Wireless Communication Owner will provide all required documentation to the District's Director of Engineering to verify all siting requirements have been satisfied.

9.1.1 The Wireless Communications Owner will comply with all City and/or County permit application processes, ordinances, state and federal laws, including FCC regulations pertaining to the placement, construction and modification of Personal Wireless Service facilities.

9.1.2 A new Tower that is to be constructed shall be designed to accommodate up to three (3) providers. Collocations requests shall not be unreasonably denied.

9.1.3 The location of the Tower and related equipment shall comply with all natural resource protection standards established in the Zoning Code as well as in state and federal regulations, including those for flood plains, wetlands, viewsheds, and steep slopes.

9.1.4 Security fencing eight feet in height shall surround the Tower, equipment shelter and any guy wires, either completely or individually as determined by appropriate permitting/agency of jurisdiction.

9.1.5 The following buffer treatments may be located around the perimeter of the security fence as deemed appropriate as a permit condition.

9.1.5.1 A decorative security fence or other constructed barrier is preferred and may be used to conceal equipment.

9.1.5.2 An evergreen screen may be planted that consists of either a hedge, planted three feet on center maximum, or a row of evergreen trees planted five feet on center maximum, provided appropriate safety clearance can be maintained from District facilities.

9.1.6 Existing vegetation (trees and shrubs) shall be preserved to the maximum extent possible.

9.1.7 Any Wireless Communication Owner requesting permission to install a new Tower shall provide evidence of collocation requests with all wireless service providers who supply service within nominal coverage distance of the proposed facility. This will include the collocation needs of the District. The contacted providers shall be requested to respond in writing to the inquiry within 30 days. The Wireless Communication Owner's letter(s) as well as responses shall be presented to the District's Director of Engineering demonstrating the need for a new Tower.

9.1.8 The Tower shall be painted a non-contrasting color that is compatible with the surrounding environment, thus minimizing its visibility, unless specific coloring is required by the FCC, FAA, or permitting agency.

9.1.9 No advertising is permitted anywhere on the facility, with the exception of identification signage.

9.1.10 No Tower under 150 feet shall be artificially lighted except to insure safety or as required by the FAA. Any Tower between 150 and 200 feet in height shall follow safety marking and obstruction lighting as prescribed by the FAA. Security lighting around the equipment shelter is permitted.

9.1.11 "No Trespassing" signs shall be posted around the facility with a telephone number of who to contact in the event of an emergency.

9.1.12 A Conditional Use Permit must be approved by the appropriate permitting/agency of jurisdiction with a subsequent Building Permit issued by the same for construction of new Towers.

9.1.13 Any decision by the District to accept or deny a request to place, construct or modify a wireless telecommunications antenna and/or Tower shall be in writing by the Director of Engineering.

9.1.14 A communications Tower site lease agreement will be executed by the Wireless Communication Owner and the District and all approvals and permits acquired before construction may commence.

9.1.15 Towers constructed on District property will be required to provide space for District communication equipment, as may be required by the District.

9.2 Neighborhood Outreach

As part of the siting process, the Wireless Communications Owner shall notify all property owners within 500 feet, or at a distance as required by the local jurisdiction, of the boundary of the property upon which the proposed Wireless Telecommunications Facility would be located, and shall request its comments. Notifications shall be addressed to the property owner. The Wireless

Communications Owner shall provide written responses to the District for approval prior to responding to property owners who provide comments. The Wireless Communication Owner is not authorized to speak on behalf of the District.

9.3 Unused Equipment

9.3.1 All Wireless Communication Owner's utilizing Towers on District premises shall notify the Director of Engineering of any Tower facility located on District property whose use will be discontinued and the date this use will cease.

9.3.2 The Director of Engineering may declare the facility abandoned if, at any time, the use of the facility is discontinued for more than 180 days. (This excludes any dormancy period between construction and the initial use of the facility).

9.3.3 The Wireless Communications Owner shall remove unused or abandoned facilities and equipment within 60 days of notification by the District.

9.4 Interference Mitigation

The Wireless Communication Owner and the District mutually agree to install equipment of the type and frequency which will not cause harmful interference to either party which is measureable in accordance with the then existing industry standards and FCC regulations. In the event that any future lessees' equipment causes such interference, and after the District has notified the lessee in writing of such interference specifying a time frame to correct the interference, the lessee will take all commercially reasonable steps necessary to correct and eliminate the interference, including but not limited to, at the lessee's option, powering down such equipment and later powering up such equipment for intermittent testing. In no event will the District be entitled to terminate this Agreement as long as the lessee makes a good faith effort to remedy the interference issue. The District agrees that the District and/or any other future tenants of the property will be permitted to install only such radio equipment that is of the type and frequency which will not cause interference to the lessee.

9.5 RF Emissions

The Wireless Communication Owner shall comply with all applicable FCC RF (radio frequency) safety policies and guidelines for RF exposure limits. The Wireless Communication Owner shall be responsible for responding to inquiries or claims received as a result of RF emissions generated by their equipment.

9.6 Environmental Considerations

The FCC's environmental rules place the responsibility on each Wireless Communication Owner to investigate all the potential environmental effects, and disclose any significant effects on the environment in an Environmental Assessment (EA) in compliance with all applicable Federal, State, and local Environmental requirements including, but not limited to, the Washington State Environmental Policy Act (RCW 43.21C, SEPA Rules (WAC 197-11) and Federal EPA requirements. The categories to be considered include those listed below.

- Wilderness Areas
- Wildlife Preserves
- Threatened and Endangered Species
- Critical Habitats
- Historic Sites
- Cultural Resources
- Native American Religious sites
- Shorelines
- Flood Plain
- Wetlands
- High Intensity White Lights in Residential Neighborhoods
- Excessive Radiofrequency Radiation Exposure

9.7 Submittals

9.7.1 Documentation verifying that all siting requirements have been met.

9.7.2 A report prepared by a licensed professional engineer containing the height, design and proof of compliance with the nationally accepted structural standards published by the American National Standards Institute/ Electronic Industry Association section 222, as amended.

9.7.3 A copy of the soil report complying with the standards of ANSI/EIA 222 as amended, that was submitted to the appropriate permitting/agency of jurisdiction to document and verify the design specifications of the foundation for the Tower, and anchors for the guy wires, if used.

9.7.4 When the Proposed Tower is to be located within a District Substation, a Professional Engineers report detailing the grounding requirements of the Tower in consideration of the substations ground grid.

9.7.5 Copies of all required local, state and federal permits and approvals.

9.7.6 Elevations of existing and proposed structures showing width, depth, and height of the Wireless Telecommunications Facility as well as the specifications of the antenna and support structure.

9.7.7 Documentation that the Tower is designed in accordance with the standards set forth in Section 9.1 Use Regulations and established by appropriate permitting/agency of jurisdiction.

9.7.8 Documentation demonstrating that the proposed Tower complies with all FAA regulations concerning safety.

9.7.9 Documentation demonstrating that the proposed Tower complies with all FCC regulations addressing radio frequency emissions standards.

9.7.10 When the proposed facility is to include a new Tower, a plot plan, including all building uses within 300 feet, shall be required at a scale not less than one inch equal to 100 feet. Aerial photos and/or renderings may augment the plot plan.

9.7.11 The Environmental Assessment described in Section 9.6.

9.7.12 Documentation demonstrating the need for a new Communication Facility and documented contacts and responses as described Section 9.2.

9.7.13 Documentation demonstrating the request for comments and responses to those requests as described in Section 9.2.

9.8 Site Use Agreement

The Wireless Communications Owner shall execute and sign the District Site Use Agreement which will incorporate the District's standard form lease agreement prior to commencing construction activities and shall comply with the terms and conditions therein.

10. Economic Development Policy

10.1 Cooperation with Other Entities

The Port Districts of Longview, Kalama, and Woodland, the incorporated municipalities within Cowlitz County, and the Cowlitz Economic Development Council (Other Entities) are all active participants in retaining, recruiting, and developing family wage business and industry within Cowlitz County. The Other Entities, through investment of infrastructure and adoption of zoning and community land use plans, endeavor to specifically identify and create sites attractive to new or expanding business and industry. Under this Policy, the District may cooperate in the development of electrical facilities where these Other Entities have, through investment, zoning or other community planning, specifically designated sites as a priority for economic development activities. Such cooperation benefits the District by expanding its ratepayer base.

10.2 Economic Development Incentive Rates

The District may offer a customer a contract rate consistent with RCW 54.24.080 for new or expanded load which directly results in the creation of new jobs within Cowlitz County.

For new or incremental loads of less than 10 mw, such rate shall incorporate the District's applicable rate schedule, as may be amended during the term of the contract rate, discounted by an amount not-to-exceed 20%.

For new or incremental loads in excess of 10 mw, such rate shall incorporate the District's actual or predicted marginal market cost of energy at the customer's load and power factor, transmission charges, and an administrative fee of not less than 15 percent, levied as an adder to the marginal market power cost. Such administrative fee shall be exclusive of taxes or any other incremental costs to the District directly as a result of the load.

Customers utilizing this policy shall be required to post a deposit of not less than two months bill calculated under this rate schedule based on average anticipated monthly loads. Said deposit shall be in the form of cash, letter of credit or other instrument as proposed in the Plan called for under Section 10.4 of this policy and approved by the Board.

The term of this contract rate shall not exceed 24 months, after which the customer shall return to the applicable rate schedule.

10.3 Implementation of this Policy

In implementing this Policy, District staff shall prepare an Economic Incentive Plan for consideration by the Board of Commissioners. Such Plan shall identify the following:

10.3.1 The location of the proposed development being supported by the Plan.

10.3.2 A description of the number and nature of jobs being created by the proposed development, as well as other economic and community benefits associated with the development.

10.3.3 The cost of any District infrastructure to be developed.

10.3.4 How the financing of such infrastructure differs from that otherwise provided for in District policy.

10.3.5 If an Economic Development Rate is being offered and, if so, the terms and duration of such rate.

10.3.6 A description of investments or activities of Other Entities which support the economic development project in question, including investments in water, sewer, gas, telecommunications or transportation infrastructure, as well as relevant zoning or land use considerations.

10.3.7 A description of risks associated with approval of the Plan and any actions proposed by staff to mitigate such risks.

10.4 Adoption of an Economic Development Plan

10.4.1 The Cowlitz PUD Board of Commissioners shall consider an Economic Incentive Plan in an open public hearing. The Board shall hear and consider the Plan elements delineated in Section 10.4 of this Policy, as well as take public comment. Upon completion of the public hearing, the Board may:

10.4.1.1 Adopt the Plan as proposed by staff,

10.4.1.2 Send the Plan back for specific revisions, or

10.4.1.3 Reject the Plan.

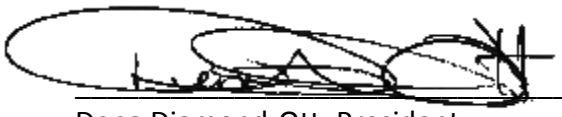
10.4.2 In making their determination, the Board shall weigh the anticipated benefits to Cowlitz County and the District and the probability of attaining those benefits against any risks approval of the Plan may present to existing ratepayers. The Board shall utilize sound business judgment and prudent utility practices. The Board shall apply

the principles of fair, equitable and non-discriminatory treatment in their determination regarding an Economic Development Plan.

10.5 Termination for Incentive Rate

If at any time during the incentive contract rate period, the customer fails to remain in good credit standing, the contract rate will be cancelled and the customer will return to the applicable rate schedule. Falling out of good credit standing shall be defined as having two consecutive past due billings.

11. Board Acceptance



Dena Diamond-Ott, President — Execution Date: 5/8/2018

Kurt Anagnostou, Vice President — Execution Date: 5/8/2018

Dave Quinn, Secretary — Execution Date: 5/8/2018

Appendix A

For use after May 1, 2017

ENGINEERING SCHEDULE OF FEES

New Electric Service Application	$100.00
(fee credited to Line Extension Costs)	
New Subdivision System Application	$100.00
(per lot, first 50 lots – fee credited to Line Extension Costs)	

New Residential Secondary Service Connection from Existing Transformer (maximum 150 feet):

Source	Size	Fee	Unit
From Underground Source	200 Amp	$875	First 50 Feet then $2.00/ft.
From Underground Source	320 Amp	$1175	First 50 Feet then $2.00/ft.
From Overhead Source	200 Amp	$1275	First 50 Feet then $2.00/ft.
From Overhead Source	320 Amp	$1700	First 50 Feet then $2.00/ft.
CT Metering - add to 320 Amp			$400.00

Temporary Service

Less than 100 Amps, with Permanent Future Customer	No Charge
Less than 100 Amps, no new customer	$50.00

Interconnection of less than 100 kW

Application	$100.00
Production Meter – Single Phase	$250.00
Production Meter – Three Phase	Actual Cost