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Contact ID: #GRANTEE_ID#
Expiration Date: #EXPIRATION_DATE#
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FS-2700-31 (05/2020)
OMB No. 0596-0082

**U.S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE**

POWERLINE FACILITY EASEMENT

**AUTHORITY:
Section 501(a)(4) of the Federal Land Policy and Management Act
43 U.S.C. 1761(a)(4)**

<Delete all user notes before printing.>

<Use this form to authorize one or more powerline facilities that have a capacity of 115 kV or more, that are not operated by a non-federal entity deemed eligible for financing by the Rural Utilities Service under the Rural Electrification Act, and for which the regional forester has determined that an easement is appropriate.>

This powerline facility easement for the [capacity and name of powerline facility or facilities] (hereinafter "easement"), dated _____, is granted by the United States, acting through the United States Department of Agriculture, Forest Service (hereinafter "grantor"), to [name], [a corporation or other entity] of the State of _____ (hereinafter "grantee").

The grantor, in consideration of an annual land use fee paid by the grantee, grants to the grantee, subject to existing easements and other valid existing rights, a non-exclusive linear right-of-way for a powerline facility. The linear right-of-way, access roads and trails, and any hazard trees outside the linear right-of-way for each powerline facility authorized by this easement shall be referred to collectively as "the easement area." A legal description and a map of the easement area and applicable minimum vegetation clearance distance (MVCD) for each powerline facility authorized by this easement are contained in Appendix B, and the access roads and trails for each powerline facility authorized by this easement are listed and identified on the map in Appendix C. The powerline facility or facilities authorized by this easement shall be referred to collectively as "the powerline facilities."

The grantor further grants to the grantee:

1. The right of ingress to and egress from the right-of-way along access roads and trails, listed in Appendix C, and the right to construct, reconstruct, and maintain the access roads and trails, in accordance with the following provisions:
 - a. All plans for development, layout, construction, reconstruction, or alteration of access roads and trails, as well as revisions to those plans, must be prepared by a professional engineer (PE) or other qualified professional acceptable to the authorized officer. These plans and plan revisions must have written approval from the authorized officer before they are implemented. The authorized officer may require the grantee to furnish as-built plans, maps, or surveys upon completion of the work.
 - b. The grantor does not have an obligation to maintain the access roads and trails.
 - c. The rights granted in paragraph 1 shall be subordinate to any right to use an access road or trail subsequently granted by the United States to a local public road authority for a public road, provided that the grantee shall continue to have access to that right-of-way to operate and maintain the powerline facilities and to address concerns of public safety in connection with the powerline facilities.

2. The right to install, maintain, and use gates and fences in the easement area with the prior written approval of the authorized officer. All gates shall have reflective markings in accordance with Forest Service Engineering Manual EM 7100-15.

The following are attached to and incorporated into this easement:

- APPENDIX A: Definitions
- APPENDIX B: Maps and Legal Description; Surveys, Plats, Site Plans, and Engineering Drawings of the Easement Area; and MVCD of Each Powerline Facility
- APPENDIX C: List and Location of Access Roads and Trails and National Forest System Roads and National Forest System Trails Used by the Grantee
- APPENDIX D: Operating Plan or Agreement
- APPENDIX E: List and Location of Ancillary Structures Other Than Roads, Towers, Poles, and Lines

This easement is granted subject to the following terms and conditions.

I. GENERAL TERMS

A. AUTHORITY. This easement is issued pursuant to Section 501(a)(4) of the Federal Land Policy and Management Act, 43 U.S.C. 1761(a)(4), and 36 CFR Part 251, Subpart B, as amended, and is subject to their provisions.

B. AUTHORIZED OFFICER. The authorized officer is the _____ or a subordinate official with delegated authority.

<USER NOTES FOR CLAUSE I.C>

<Include the following clause I.C for powerline facilities operated under a FERC license. Delete the remaining clause I.C.>

C. TERM. This easement shall expire at midnight on _____ [insert date grantee's FERC license expires], the date the grantee's license from the Federal Energy Regulatory Commission expires.

<Include the following clause I.C for powerline facilities that are not operated under a FERC license. Delete the remaining clause I.C.>

C. TERM. This easement shall expire at midnight on [insert date easement expires], [up to 50 years, depending on application of the criteria in 36 CFR 251.56(b)(1)] from the date it is granted.

D. CONTINUATION OF USE AND OCCUPANCY. This easement is not renewable. At least 2 years before expiration of this easement, the grantee may apply for a new easement for the use and occupancy authorized by this easement. Issuance of a new easement is at the sole discretion of the authorized officer. At a minimum, before issuing a new easement, the authorized officer shall ensure that (1) the use and occupancy to be authorized by the new easement are consistent with the standards and guidelines in the applicable land management plan; (2) the type of use and occupancy to be authorized by the new easement is the same as the type of use and occupancy authorized by this easement; and (3) the grantee is in compliance with all the terms and conditions of this easement. The authorized officer may prescribe new terms and conditions when a new easement is granted.

E. AMENDMENT. The terms and conditions of this easement shall be amended as necessary every [number] years from the date of issuance to reflect changing laws, regulations, directives, and conditions. This easement also may be amended at any time by written agreement of the grantor and the grantee.

F. COMPLIANCE WITH LAWS, REGULATIONS, AND OTHER LEGAL REQUIREMENTS. In exercising the rights and privileges granted by this easement, the grantee shall comply with all present and future federal laws and regulations and all present and future state, county, and municipal laws,

regulations, and other legal requirements that apply to the easement area, to the extent they do not conflict with federal law, regulation, or policy. The grantor assumes no responsibility for enforcing laws, regulations, and other legal requirements that fall under the jurisdiction of other governmental entities.

G. RESERVATIONS. All rights not specifically and exclusively granted to the grantee are reserved to the grantor, including:

1. The right of access to the easement area, including a continuing right of physical entry to the easement area for inspection, monitoring, or any other purpose consistent with any right or obligation of the United States under any law or regulation.
2. The right to use, administer, and dispose of all natural resources and improvements in the easement area other than the powerline facilities, including the right to use roads and trails and authorize rights-of-way and other uses in the easement area in any way that is not inconsistent with the grantee's rights and privileges under this easement, after consultation with all parties involved. Except for any restrictions that the grantee and the grantor agree are necessary to protect public health and safety, property, and the installation and operation of the powerline facilities, the easement area shall remain open to the public for all lawful purposes.

H. ASSIGNMENT. This easement is fully assignable, subject to the following conditions:

1. The grantee shall be in compliance with all the terms and conditions of this easement.
2. Assignments shall have prior written approval of the authorized officer.
3. The authorized officer may modify the terms and conditions of this easement and the assignee shall agree in writing to comply with the terms and conditions of the easement as modified.
4. Upon change in ownership of the powerline facilities or change in control of the business entity that holds this easement, this easement may be assigned to the new owner or to the party acquiring control, provided that the conditions in clause I.H.1 through I.H.3 are met.
 - a. In the case of a corporation, control is an interest, beneficial or otherwise, of sufficient outstanding voting securities or capital of the business so as to permit the exercise of managerial authority over the actions and operations of the corporation or election of a majority of the board of directors of the corporation.
 - b. In the case of a partnership, limited partnership, joint venture, or individual entrepreneurship, control is a beneficial ownership of or interest in the entity or its capital so as to permit the exercise of managerial authority over the actions and operations of the entity.
 - c. In other circumstances, control is any arrangement under which a third party has the ability to exercise management authority over the actions or operations of the business.

II. IMPROVEMENTS

A. LIMITATIONS ON USE. Nothing in this easement gives or implies permission to build or maintain any structure or facility or to conduct any activity unless specifically provided for in this easement. Any use not specifically authorized by this easement must be proposed in accordance with 36 CFR 251.54. Approval of such a proposal through issuance of a new easement or easement amendment is at the sole discretion of the authorized officer.

B. PLANS. All plans for development, layout, construction, reconstruction, or alteration of improvements in the easement area, as well as revisions to those plans, must be prepared by a PE, architect, landscape architect, or other qualified professional acceptable to the authorized officer. These plans and plan

revisions must have written approval from the authorized officer before they are implemented. The authorized officer may require the grantee to furnish as-built plans, maps, or surveys upon completion of the work.

C. RELOCATION. This easement is granted with the express understanding that should future location of federally owned improvements or road rights-of-way require relocation of the powerline facilities, the relocation will be conducted by and at the expense of the grantee within a reasonable period specified by the authorized officer.

III. OPERATIONS

<USER NOTES FOR CLAUSE III.A>

<Accept an operating agreement from the grantee only if the grantee meets at least one of the eligibility criteria in clause III.A.>

A. OPERATING PLAN OR AGREEMENT

1. **Preparation.** The grantee shall prepare an operating plan or agreement independently or in consultation with the authorized officer or the authorized officer's designated representative. To qualify for an operating agreement, the grantee must not be subject to the mandatory reliability standards established by the Electric Reliability Organization or must have sold less than or equal to 1,000,000 megawatt hours of electric energy for purposes other than resale during each of the 3 calendar years immediately preceding March 23, 2018. The operating plan or agreement shall be submitted by the grantee and shall be approved by the authorized officer or the authorized officer's designated representative prior to commencement of operations and shall be attached to this easement as Appendix D. At least every 10 years from the approval date of the operating plan or agreement in Appendix D, the grantee shall review and, as necessary or appropriate, propose updates to the operating plan or agreement to address changed conditions. Proposed updates to the operating plan or agreement that are deemed significant by the authorized officer shall be treated as proposed modifications and shall be submitted by the grantee for review and approval by the authorized officer. Proposed updates that are deemed non-significant by the authorized officer may be made by written agreement of the grantee and the authorized officer.

2. **Contents.** The operating plan or agreement shall cover all operations authorized by this easement. The operating plan or agreement shall outline steps the grantee will take to protect public health and safety and the environment and shall include sufficient detail and standards to enable the Forest Service to monitor the grantee's operations for compliance with the terms of this easement. The contents of the operating plan or agreement shall meet all the requirements enumerated in 36 CFR 251.56(h)(5) and Forest Service Handbook 2709.11, Chapter 80, section 84.

B. VEGETATION MANAGEMENT

1. **Vegetation Management Activities.** The grantee shall describe vegetation management activities as part of the operating plan or agreement in Appendix D. The description of vegetation management activities shall specify best management practices for felling, pruning, and destruction of trees, brush, shrubs, and other plants (hereinafter "vegetation"); the applicable MVCD for the powerline facilities; and procedures for designating, marking, and felling or pruning hazard trees and other vegetation. The description of vegetation management activities shall also provide for prevention and control of invasive species, including invasive plants, within the easement area. For purposes of this clause, invasive plants include non-native species recognized as such by the Forest Service, which are generally, but are not limited to, state-listed noxious weeds. The grantee shall follow invasive species prevention and control measures prescribed by the operating plan or agreement in Appendix D. In addition, the description of vegetation management activities shall provide for integration of native, non-invasive, low-growing vegetation that does not interfere with the powerline facilities and that promotes powerline facility

reliability, reduces powerline facility maintenance costs, and is compatible with the aesthetics and health of the native plant and animal life in the easement area.

2. Routine and Emergency Vegetation Management and Planting of Vegetation. Routine and emergency vegetation management and planting of vegetation, both inside the linear right-of-way for a powerline facility and outside the linear right-of-way for a powerline facility to fell or prune hazard trees, must be conducted in accordance with Appendix D and clauses III.B. For purposes of vegetation management per Appendix D and clause III.B, the MVCD for each powerline facility is enumerated in Appendix B, and vegetation management outside the linear right-of-way for a powerline facility shall be limited to felling and pruning of hazard trees.

(a) Routine Vegetation Management. Routine vegetation management, either inside the linear right-of-way for a powerline facility or outside the linear right-of-way for a powerline facility to fell or prune hazard trees, requires prior written approval from the authorized officer, unless:

- (1) The grantee has submitted an email or letter to the authorized officer requesting approval of a single routine vegetation management project or an annual schedule of work for routine vegetation management in accordance with the specified timeframe in Appendix D;
- (2) The proposed routine vegetation management is covered by approval of the operating plan or agreement in Appendix D or by subsequent case-by-case environmental analysis and consultation; and
- (3) The authorized officer has not responded to the request in accordance with the specified timeframe in Appendix D.

In conducting routine vegetation management, regardless of whether prior written approval is required, the grantee shall mark or otherwise identify the vegetation to be felled or pruned.

(b) Emergency Vegetation Management. Emergency vegetation management, either inside the linear right-of-way for a powerline facility or outside the linear right-of-way for a powerline facility to fell or prune hazard trees, does not require prior written approval from the authorized officer or marking or other identification of the vegetation to be felled or pruned. The grantee shall notify the authorized officer by email of the location and type of emergency vegetation management as soon as practicable, but no later than 24 hours after completion. Within 30 days of completion, the grantee shall submit to the authorized officer a written report detailing at a minimum the location, type, and scope of the emergency vegetation management conducted, the reason it was conducted, the methods used to conduct it, and the resulting benefit.

3. Disposal of Felled Trees and Planting of Vegetation. The grantee shall notify the authorized officer when approved felling, pruning, or destruction of vegetation has been completed. The Forest Service shall determine in advance of felling the method of disposal of trees felled in the easement area that meet utilization standards. Disposal may be by sale or without charge per 36 CFR Part 223, as may be most advantageous to the United States. Debris from felling that does not meet utilization standards shall also be disposed of according to methods determined by the Forest Service. Planting of vegetation in the easement area must have prior written approval from the authorized officer.

C. USE OF NATIONAL FOREST SYSTEM ROADS AND TRAILS. The grantee's use of National Forest System roads and National Forest System trails shall comply with applicable requirements in 36 CFR Part 212, Subpart A; 36 CFR Part 261, Subpart A; and orders issued under 36 CFR Part 261, Subpart B. Motor vehicle use shall be consistent with designations made under 36 CFR Part 212, Subpart B, unless specifically provided otherwise in the operating plan. Over-snow vehicle use shall be consistent with designations made under 36 CFR Part 212, Subpart C, unless specifically provided otherwise in the operating plan.

D. RESERVATION AND LEASING OF EXCESS CAPACITY

1. Reservation of Excess Capacity. The grantee may reserve powerline facilities authorized by this easement for the grantee's expansion and may utilize the reserved powerline facilities during the term of this easement without additional approval from the authorized officer. Leasing of powerline facilities by third parties is not authorized by this easement, except as provided in clause III.D.2.

2. Leasing of Powerline Facilities. Leasing of powerline facilities authorized by this easement, other than to those who will be using the leased facilities themselves and not reselling or providing communications services to others for profit, must have prior written approval from the authorized officer. The Forest Service reserves the right to disapprove requests to lease powerline facilities. The grantee shall remain responsible for the lessees' compliance with all the terms and conditions of this easement. The grantee shall pay a land use fee of \$[amount] for the lessees' use of powerline facilities, provided that the lessees are not exempt from a land use fee. The land use fee for any leased powerline facilities shall be adjusted annually in accordance with the fee schedule in 43 CFR 2806.20.

3. Powerline Facility Map. Upon request, the grantee shall submit to the authorized officer a powerline facility map reflecting ownership of and leases for all authorized powerline facilities, which shall be attached to this easement as an appendix. The powerline facility map must specify the total number of powerline facilities (for fiber optic cable, the total number of installed conduits and fibers); the total number of powerline facilities (for fiber optic cable, the total number of conduits and fibers) in active use; and the type of use (commercial, public purpose, or grantee's) for powerline facilities (for fiber optic cable, for conduits and fibers) in active use. The authorized officer may request any additional information from the grantee deemed necessary for proper administration of the leased powerline facilities. The grantee shall update the powerline facility map annually as necessary.

E. CONDITION OF OPERATIONS. The grantee shall maintain the powerline facilities and easement area to standards of repair, orderliness, neatness, sanitation, and safety acceptable to the authorized officer and consistent with other provisions of this easement. Standards are subject to periodic change by the authorized officer when deemed necessary to meet statutory, regulatory, or policy requirements or to protect national forest resources.

F. GROUND SURFACE PROTECTION AND RESTORATION. The grantee shall prevent and control soil erosion and gully on National Forest System lands in and adjacent to the easement area resulting from construction, operation, maintenance, and termination of the authorized use. The grantee shall construct authorized improvements so as to avoid accumulation of excessive amounts of water in the easement area and encroachment on streams. The grantee shall revegetate or otherwise stabilize (e.g., by constructing a retaining wall) all ground where the soil has been exposed as a result of the grantee's construction, maintenance, operation, or termination of the authorized use.

G. MONITORING BY THE FOREST SERVICE. The grantor shall monitor the grantee's operations and reserves the right to inspect the easement area and powerline facilities at any time for compliance with the terms of this easement. The grantee shall comply with inspection requirements deemed appropriate by the authorized officer. The grantee's obligations under this easement are not contingent upon any duty of the grantor to inspect the easement area or powerline facilities. A failure by the grantor or other governmental officials to inspect is not a justification for noncompliance with any of the terms and conditions of this easement.

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IV. RIGHTS AND LIABILITIES

A. VALID EXISTING RIGHTS. This easement is subject to all valid existing rights. Valid existing rights include those derived from mining and mineral leasing laws of the United States. The grantor is not liable to the grantee for the exercise of any such right.

B. ABSENCE OF THIRD-PARTY BENEFICIARY RIGHTS. The parties to this easement do not intend to confer any rights on any third party as a beneficiary under this easement.

C. SERVICES NOT PROVIDED. This easement is for the use and occupancy of land for the purposes stated in this easement and does not provide for the furnishing of road maintenance, water, fire protection, or any other such service by a government agency, association, or individual.

D. RISK OF LOSS. The grantee assumes all risk of loss to the powerline facilities. Loss to the powerline facilities may result from but is not limited to theft, vandalism, fire and any fire-fighting activities (including prescribed burns), avalanches, rising waters, winds, falling limbs or trees, and other forces of nature. If the powerline facilities are destroyed or substantially damaged, the authorized officer shall, in consultation with the grantee and other affected agencies, conduct an analysis to determine whether the powerline facilities can be safely used in the future and whether rebuilding should be allowed. If rebuilding is not allowed, the easement shall terminate.

E. DAMAGE TO UNITED STATES PROPERTY. The grantee has an affirmative duty to protect from damage the land, property, and other interests of the United States. Damage includes but is not limited to fire suppression costs, damage to government-owned improvements covered by this easement.

1. The grantee shall be liable for all injury, loss, or damage, including fire suppression, prevention and control of the spread of invasive species, or other costs resulting from rehabilitation or restoration of natural resources, associated with the grantee's use and occupancy of the easement area. Compensation shall include but is not limited to the value of resources damaged or destroyed, the costs of restoration, cleanup, or other mitigation, fire suppression or other types of abatement costs, and all associated administrative, legal (including attorney's fees), and other costs. Such costs may be deducted from a performance bond required under clause IV.J.

2. The grantee shall be liable for damage caused by use of the grantee or the grantee's heirs, assigns, agents, employees, contractors, or lessees to all roads and trails of the United States to the same extent as provided under clause IV.E.1, except that liability shall not include reasonable and ordinary wear and tear.

F. HEALTH AND SAFETY. The grantee shall take all measures necessary to protect the health and safety of all persons affected by the use and occupancy authorized by this easement. The grantee shall promptly abate as completely as possible and in compliance with all applicable laws and regulations any physical or mechanical procedure, activity, event, or condition existing or occurring in connection with the authorized use and occupancy during the term of this easement that causes or threatens to cause a hazard to the health or safety of the public or the grantee's employees or agents. The grantee shall as soon as practicable notify the authorized officer of all serious accidents that occur in connection with these procedures, activities, events, or conditions. The grantor has no duty under the terms of this easement to inspect the easement area or operations of the grantee for hazardous conditions or compliance with health and safety standards.

G. ENVIRONMENTAL PROTECTION

1. For purposes of clause IV.G and section V, "hazardous material" shall mean (a) any hazardous substance under section 101(14) of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), 42 U.S.C. 9601(14); (b) any pollutant or contaminant under section 101(33) of CERCLA, 42 U.S.C. 9601(33); (c) any petroleum product or its derivative, including fuel oil, and waste oils; and (d) any hazardous substance, extremely hazardous substance, toxic substance, hazardous waste, ignitable, reactive or corrosive materials, pollutant, contaminant, element, compound, mixture, solution or substance that may pose a present or potential hazard to human health or the environment under any applicable environmental laws.

2. The grantee shall avoid damaging or contaminating the environment, including but not limited to the soil, vegetation (such as trees, shrubs, and grass), surface water, and groundwater, during the grantee's

use and occupancy of the easement area. Environmental damage includes but is not limited to all costs and damages associated with or resulting from the release or threatened release of a hazardous material occurring during or as a result of activities of the grantee or the grantee's heirs, assigns, agents, employees, contractors, or lessees on, or related to, the lands, property, and other interests covered by this easement. If the environment or any government property covered by this easement becomes damaged in connection with the grantee's use and occupancy, the grantee shall as soon as practicable repair the damage or replace the damaged items to the satisfaction of the authorized officer and at no expense to the United States.

3. The grantee shall as soon as practicable, as completely as possible, and in compliance with all applicable laws and regulations abate any physical or mechanical procedure, activity, event, or condition existing or occurring in connection with the authorized use and occupancy during or after the term of this easement that causes or threatens to cause harm to the environment, including areas of vegetation or timber, fish or other wildlife populations, their habitats, or any other natural resources.

H. INDEMNIFICATION OF THE UNITED STATES. The grantee shall indemnify, defend, and hold harmless the United States for any costs, damages, claims, liabilities, and judgments arising from past, present, and future acts or omissions of the grantee in connection with the use and occupancy authorized by this easement. This indemnification and hold harmless provision includes but is not limited to acts and omissions of the grantee or the grantee's heirs, assigns, agents, employees, contractors, or lessees in connection with the use and occupancy authorized by this easement which result in (1) violations of any laws and regulations which are now or which may in the future become applicable; (2) judgments, claims, demands, penalties, or fees assessed against the United States; (3) costs, expenses, and damages incurred by the United States; or (4) the release or threatened release of any hazardous material into the environment. The authorized officer may prescribe terms that allow the grantee to replace, repair, restore, or otherwise undertake necessary curative actions to mitigate damages in addition to or as an alternative to monetary indemnification.

<USER NOTES FOR CLAUSE IV.I>

<The amount of strict liability in tort must be determined by a risk assessment and may not exceed \$1 million. Insurance may be appropriate to cover strict liability in tort, as well as liability based on negligence.>

I. STRICT LIABILITY. The grantee shall be strictly liable (liable without proof of negligence) to the United States for \$[amount up to \$1 million] per occurrence for any injury, loss, or damage arising in tort under this easement. Liability in tort for injury, loss, or damage to the United States exceeding the prescribed amount of strict liability in tort shall be determined under the law of negligence.

<USER NOTES FOR CLAUSE IV.J>

<If the grantee is a state or a political subdivision of a state that has shown that state law limits its liability or obligation to indemnify, follow the direction in FSH 2709.11, Chapter 50.>

J. INSURANCE. The grantee shall furnish proof of insurance, such as a certificate of insurance, to the authorized officer prior to issuance of this easement and each year thereafter that this easement is in effect. The grantor reserves the right to review the insurance policy and require any changes needed to ensure adequate coverage of the United States in connection with the authorized use and occupancy. The grantee shall send an authenticated copy of any insurance policy obtained pursuant to this clause to the authorized officer immediately upon issuance of the policy. Any insurance policies obtained by the grantee pursuant to this clause shall name the United States as an additional insured, and the additional insured provision shall provide for insurance coverage for the United States as required under this clause and to the extent of the full limits of insurance available to the grantee. The grantee shall give 30 days prior written notice to the authorized officer of cancellation of or any modification to the insurance policy. The certificate of insurance, the authenticated copy of the insurance policy, and written notice of cancellation or modification of insurance policies should be sent to [mailing address of administering office]. Minimum amounts of coverage and other insurance requirements are subject to change at the

sole discretion of the authorized officer on the anniversary date of this easement.

<Select the following clause IV.J.1 for insurance policies with separate limits of coverage for personal injury or death and third-party property damage, and delete the remaining clause IV.J.1.>

1. The grantee shall have in force liability insurance covering losses associated with the use and occupancy authorized by this easement arising from personal injury or death and third-party property damage in the minimum amount of:

\$[amount] for injury or death to one person per occurrence;

\$[amount] for injury or death to more than one person per occurrence; and

\$[amount] for third-party property damage per occurrence.

<Select the following clause IV.J.1 for insurance policies with combined single limits of coverage for personal injury or death and third-party property damage, and delete the remaining clause IV.J.1.>

1. The grantee shall have in force liability insurance covering losses associated with the use and occupancy authorized by this easement arising from personal injury or death and third-party property damage in the minimum amount of \$[amount] as a combined single limit per occurrence.

2. Depending on the grantee's operations, the Forest Service may require the grantee to demonstrate the availability of funds to address any release or threatened release of hazardous materials that may occur in connection with the grantee's use and occupancy. Any requirements imposed would be established case by case by the authorized officer based on the degree of environmental risk from the grantee's operations. The use and storage of normal maintenance supplies in nominal amounts generally would not trigger financial assurance requirements.

K. BONDING. The authorized officer may require the grantee to furnish a surety bond or other security for any of the obligations imposed by the terms and conditions of this easement or any applicable law, regulation, or order.

**<USER NOTES FOR CLAUSES IV.K.1 THROUGH IV.K.3>
<Delete clauses IV.K.1 through IV.K.3 when a bond is not required.>**

1. As a further guarantee of compliance with the terms and conditions of this easement, the grantee shall deliver and maintain a surety bond or other acceptable security, such as cash deposited and maintained in a federal depository or negotiable securities of the United States, in the amount of bond amount for specify obligations covered. The authorized officer may periodically evaluate the adequacy of the bond or other security and increase or decrease the amount as appropriate. If the bond or other security becomes unsatisfactory to the authorized officer, the grantee shall within 30 days of demand furnish a new bond or other security issued by a surety that is solvent and satisfactory to the authorized officer. If the grantee fails to meet any of the requirements secured under this clause, money deposited pursuant to this clause shall be retained by the United States to the extent necessary to satisfy the obligations secured under this clause, without prejudice to any other rights and remedies of the United States.

2. The bond shall be released or other security returned 30 days after (a) the authorized officer certifies that the obligations covered by the bond or other security are met and (b) the grantee establishes to the satisfaction of the authorized officer that all claims for labor and material for the secured obligations have been paid or released.

3. Prior to undertaking additional construction or alteration not covered by the bond or other security, or

when the powerline facilities are to be removed and the easement area restored, the grantee may be required to obtain additional bonding or security.

V. RESOURCE PROTECTION

A. COMPLIANCE WITH ENVIRONMENTAL LAWS. The grantee shall in connection with the use and occupancy authorized by this easement comply with all applicable federal, state, and local environmental laws and regulations, including but not limited to those established pursuant to the Resource Conservation and Recovery Act, as amended, 42 U.S.C. 6901 *et seq.*, the Federal Water Pollution Control Act, as amended, 33 U.S.C. 1251 *et seq.*, the Oil Pollution Act, as amended, 33 U.S.C. 2701 *et seq.*, the Clean Air Act, as amended, 42 U.S.C. 7401 *et seq.*, CERCLA, as amended, 42 U.S.C. 9601 *et seq.*, the Toxic Substances Control Act, as amended, 15 U.S.C. 2601 *et seq.*, the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, 7 U.S.C. 136 *et seq.*, and the Safe Drinking Water Act, as amended, 42 U.S.C. 300f *et seq.*

B. WATER POLLUTION. No waste or by-product shall be discharged into water if it contains any substance in concentrations which will result in harm to fish and wildlife, or to human water supplies. Storage facilities for materials capable of causing water pollution, if accidentally discharged, shall be located so as to prevent any spillage into waters or channels leading into water that would result in harm to fish and wildlife or to human water supplies.

C. ESTHETICS. The grantee shall protect the scenic esthetic values of the easement area and the adjacent land to the greatest extent possible during construction, operation, and maintenance of the powerline facilities.

D. VANDALISM. The grantee shall take reasonable measures to prevent and discourage vandalism or disorderly conduct and when necessary shall contact the appropriate law enforcement officer to address these problems.

E. PESTICIDE USE

1. Authorized Officer Concurrence. Pesticides may not be used outside of buildings in the easement area to control pests, including undesirable woody and herbaceous vegetation (including aquatic plants), insects, birds, rodents, or fish without prior written concurrence of the authorized officer. Only those products registered or otherwise authorized by the U.S. Environmental Protection Agency and appropriate State authority for the specific purpose planned shall be authorized for use within areas on National Forest System lands.

2. Pesticide-Use Proposal. Requests for concurrence of any planned uses of pesticides shall be provided in advance using the Pesticide-Use Proposal (form FS-2100-2). Annually the grantee shall, on the due date established by the authorized officer, submit requests for any new, or continued, pesticide usage. The Pesticide-Use Proposal shall cover a 12-month period of planned use. The Pesticide-Use Proposal shall be submitted at least 60 days in advance of pesticide application. Information essential for review shall be provided in the form specified. Exceptions to this schedule may be allowed, subject to emergency request and approval, only when unexpected outbreaks of pests require control measures which were not anticipated at the time a Pesticide-Use Proposal was submitted.

3. Labeling, Laws, and Regulations. Label instructions and all applicable laws and regulations shall be strictly followed in the application of pesticides and disposal of excess materials and containers. No pesticide waste, excess materials, or containers shall be disposed of in any area administered by the Forest Service.

F. ARCHAEOLOGICAL AND PALEONTOLOGICAL DISCOVERIES. The grantee shall immediately notify the authorized officer of all antiquities or other objects of historic or scientific interest, including but not limited to historic or prehistoric ruins, fossils, or artifacts discovered in connection with the use and

occupancy authorized by this easement. The grantee shall follow the applicable inadvertent discovery protocols for the undertaking provided in an agreement executed pursuant to section 106 of the National Historic Preservation Act, 54 U.S.C. 306108; if there are no such agreed-upon protocols, the grantee shall leave these discoveries intact and in place until consultation has occurred, as informed, if applicable, by any programmatic agreement with tribes. Protective and mitigation measures developed under this clause shall be the responsibility of the grantee. However, the grantee shall give the authorized officer written notice before implementing these measures and shall coordinate with the authorized officer for proximate and contextual discoveries extending beyond the easement area.

G. NATIVE AMERICAN GRAVES PROTECTION AND REPATRIATION ACT (NAGPRA). In accordance with 25 U.S.C. 3002(d) and 43 CFR 10.4, if the grantee inadvertently discovers human remains, funerary objects, sacred objects, or objects of cultural patrimony on National Forest System lands, the grantee shall immediately cease work in the area of the discovery and shall make a reasonable effort to protect and secure the items. The grantee shall follow the applicable NAGPRA protocols for the undertaking provided in the NAGPRA plan of action or the NAGPRA comprehensive agreement; if there are no such agreed-upon protocols, the grantee shall as soon as practicable notify the authorized officer of the discovery and shall follow up with written confirmation of the discovery. The activity that resulted in the inadvertent discovery may not resume until 30 days after the forest archaeologist certifies receipt of the written confirmation, if resumption of the activity is otherwise lawful, or at any time if a binding written agreement has been executed between the grantor and the affiliated Indian tribes that adopts a recovery plan for the human remains and objects.

H. PROTECTION OF THREATENED, ENDANGERED SPECIES, SENSITIVE SPECIES, AND SPECIES OF CONSERVATION CONCERN AND THEIR HABITAT

1. Threatened and Endangered Species and Their Habitat. The location of sites within the easement area needing special measures for protection of plants or animals listed as threatened or endangered under the Endangered Species Act (ESA) of 1973, 16 U.S.C. 1531 *et seq.*, as amended, or within designated critical habitat shall be shown on a map in an appendix to this easement and may be shown on the ground. The grantee shall take any protective and mitigation measures specified by the authorized officer as necessary and appropriate to avoid or reduce effects on listed species or designated critical habitat affected by the authorized use and occupancy. Discovery by the grantee or the grantor of other sites within the easement area containing threatened or endangered species or designated critical habitat not shown on the map in the appendix shall be promptly reported to the other party and shall be added to the map.

2. Sensitive Species and Species of Conservation Concern and Their Habitat. The location of sites within the easement area needing special measures for protection of plants or animals designated by the Regional Forester as sensitive species or as species of conservation concern pursuant to FSM 2670 shall be shown on a map in an appendix to this easement and may be shown on the ground. The grantee shall take any protective and mitigation measures specified by the authorized officer as necessary and appropriate to avoid or reduce effects on sensitive species or species of conservation concern or their habitat affected by the authorized use and occupancy. Discovery by the grantee or the Forest Service of other sites within the easement area containing sensitive species or species of conservation concern or their habitat not shown on the map in the appendix shall be promptly reported to the other party and shall be added to the map.

<USER NOTES FOR CLAUSE V.I>

<Include clause V.I in easements covering NFS lands subject to the 1994 Northwest Forest Plan amendments to land and resource management plans in western Oregon and Washington and northern California, as amended by the January 2001 Record of Decision. Otherwise, omit clause V.I, and re-letter the remaining clauses in section V.>

I. SURVEY AND MANAGE SPECIES AND THEIR HABITAT. The location of sites within the easement area occupied by survey and manage species or their habitat shall be shown on a map in an appendix to this easement and may be shown on the ground. The survey and manage species and survey and

manage standards and guidelines were established in the 1994 Northwest Forest Plan amendments to all Forest Service land and resource management plans in western Oregon and Washington and northern California, as amended by the January 2001 Record of Decision (2001 ROD). The list of survey and manage species in the 2001 ROD has been amended and is subject to periodic amendment by the Forest Service. Per the 2001 ROD, before conducting habitat-disturbing activities in the easement area, the grantee shall perform a survey and shall implement appropriate survey and manage standards and guidelines identified by the authorized officer to provide for a reasonable assurance of species persistence. Discovery by the grantee or the Forest Service of other sites within the easement area containing survey and manage species or their habitat not shown on the map in the appendix shall be promptly reported to the other party and shall be added to the map.

J. CONSENT TO STORE HAZARDOUS MATERIALS. The grantee shall not store any hazardous materials in the easement area without prior written approval from the authorized officer. This approval shall not be unreasonably withheld. If the authorized officer provides approval, this easement shall include, or in the case of approval provided after this easement is issued, shall be amended to include specific terms addressing the storage of hazardous materials, including the specific type of materials to be stored, the volume, the type of storage, and a spill plan. Such terms shall be proposed by the grantee and are subject to approval by the authorized officer.

**<USER NOTES FOR CLAUSES V.J.1 THROUGH V.J.3>
<Add clauses V.J.1 through V.J.3 when consenting to store hazardous materials.
Otherwise, omit them.>**

1. The grantee shall identify to the authorized officer any hazardous material to be stored in the easement area. This identifying information shall be consistent with column (1) of the table of hazardous materials and special provisions enumerated at 49 CFR 172.101 whenever the hazardous material appears in that table. For hazard communication purposes, the grantee shall maintain Material Safety Data Sheets for any stored hazardous chemicals, consistent with 29 CFR 1910.1200(c) and (g). In addition, all hazardous materials stored by the grantee shall be used, labeled, stored, transported, and disposed of in accordance with all applicable federal, state, and local laws and regulations.

2. The grantee shall not release any hazardous material as defined in clause IV.G onto land or into rivers, streams, impoundments, or natural or man-made channels leading to them. All prudent and safe attempts must be made to contain any release of these materials. The authorized officer may specify conditions that must be met, including conditions more stringent than federal, state, and local regulations, to prevent releases and protect natural resources

3. If the grantee uses or stores hazardous materials at the site, upon revocation or termination of this easement the grantee shall provide the Forest Service with a report certified by a professional or professionals acceptable to the Forest Service that the easement area is uncontaminated by the presence of hazardous materials and that there has not been a release or discharge of hazardous materials upon the easement area, into surface water at or near the easement area, or into groundwater below the easement area during the term of the easement. If a release or discharge has occurred, the professional or professionals shall document and certify that the release or discharge has been fully remediated and that the easement area is in compliance with all applicable federal, state, and local laws and regulations.

K. CLEANUP AND REMEDIATION

1. The grantee shall immediately notify all appropriate response authorities, including the National Response Center and the authorized officer, of any oil discharge or of the release of a hazardous material in the easement area in an amount greater than or equal to its reportable quantity, in accordance with 33 CFR Part 153, Subpart B, and 40 CFR Part 302. For the purposes of this requirement, "oil" is defined by section 311(a)(1) of the Clean Water Act, 33 U.S.C. 1321(a)(1). The grantee shall immediately notify the authorized officer upon knowledge of any release or threatened release of any hazardous material at or in

the vicinity of the easement area which may be harmful to public health or welfare or which may adversely affect natural resources under the management of the United States.

2. Except with respect to any federally permitted release as that term is defined under Section 101(10) of CERCLA, 42 U.S.C. 9601(10), the grantee shall clean up or otherwise remediate any release, threat of release, or discharge of hazardous materials that occurs either in the easement area or in connection with the grantee's activities, whether or not those activities are authorized under this easement. The grantee shall perform cleanup or remediation immediately upon discovery of the release, threat of release, or discharge of hazardous materials. The grantee shall perform the cleanup or remediation to the satisfaction of the authorized officer and at no expense to the United States. Upon revocation or termination of this easement, the grantee shall deliver the easement area to the grantor free and clear of contamination.

VI. LAND USE FEE AND DEBT COLLECTION

<Calculate the land use fees using the linear right-of-way fee schedule in FSH 2709.11, section 36.41, exhibits 01 and 02.>

A. LAND USE FEE. The grantee shall pay an initial annual land use fee of \$ [] for the period from [] to [], and thereafter on [], shall pay an annual land use fee of \$ []. The land use fee shall be adjusted annually in accordance with the fee schedule in 43 CFR 2806.20.

B. MODIFICATION OF THE LAND USE FEE. The land use fee may be revised whenever necessary to reflect the market value of the authorized use or when the fee system used to calculate the land use fee is modified or replaced.

C. FEE PAYMENT ISSUES

1. Crediting of Payments. Payments shall be credited on the date received by the deposit facility, except that if a payment is received on a non-workday, the payment shall not be credited until the next workday.

2. Disputed Fees. Fees are due and payable by the due date. Disputed fees must be paid in full. Adjustments will be made if dictated by an administrative appeal decision, a court decision, or settlement terms.

3. Late Payments

(a) Interest. Pursuant to 31 U.S.C. 3717 *et seq.*, interest shall be charged on any fee amount not paid within 30 days from the date it became due. The rate of interest assessed shall be the higher of the Prompt Payment Act rate or the rate of the current value of funds to the Treasury (i.e., the Treasury tax and loan account rate), as prescribed and published annually or quarterly by the Secretary of the Treasury in the *Federal Register* and the Treasury Fiscal Requirements Manual Bulletins. Interest on the principal shall accrue from the date the fee amount is due.

(b) Administrative Costs. If the account becomes delinquent, administrative costs to cover processing and handling the delinquency shall be assessed.

(c) Penalties. A penalty of 6% per annum shall be assessed on the total amount that is more than 90 days delinquent and shall accrue from the same date on which interest charges begin to accrue.

4. Administrative Offset and Credit Reporting. Delinquent fees and other charges associated with the easement shall be subject to all rights and remedies afforded the United States pursuant to 31 U.S.C.

3711 *et seq.* and common law. Delinquencies are subject to any or all of the following:

- (a) Administrative offset of payments due the grantee from the grantor.
- (b) If in excess of 60 days, referral to the United States Department of the Treasury for appropriate collection action as provided by 31 U.S.C. 3711(g)(1).
- (c) Offset by the Secretary of the Treasury of any amount due the grantee, as provided by 31 U.S.C. 3720 *et seq.*
- (d) Disclosure to consumer or commercial credit reporting agencies.

D. NONPAYMENT. Failure of the grantee to make timely payments, pay interest charges, or any other charges when due shall be grounds for revocation of this easement.

VII. REVOCATION, SUSPENSION, AND TERMINATION

A. REVOCATION AND SUSPENSION. The authorized officer may revoke or suspend this easement in whole or in part:

1. For noncompliance with applicable federal, state, or local laws and regulations.
2. For noncompliance with the terms of this easement.
3. For abandonment of the easement. Failure of the grantee to use the easement area for a continuous 5-year period shall constitute a rebuttable presumption of abandonment of the easement.

Prior to revocation or suspension under clause VII.A, other than immediate suspension under clause VII.B, the authorized officer shall give the grantee written notice of the grounds for revocation or suspension and, in the case of revocation or suspension under clause VII.A.1 or VII.A.2, a reasonable period, not to exceed 90 days, to cure any noncompliance.

B. IMMEDIATE SUSPENSION. The authorized officer may immediately suspend this easement in whole or in part when necessary to protect public health or safety or the environment. The suspension decision shall be in writing. The grantee may request an onsite review with the authorized officer's supervisor of the adverse conditions prompting the suspension. The authorized officer's supervisor shall grant this request within 48 hours. Following the onsite review, the authorized officer's supervisor shall promptly affirm, modify, or cancel the suspension.

C. APPEALS AND REMEDIES. Written decisions by the authorized officer relating to administration of this easement, other than revocation or suspension decisions, are subject to administrative appeal pursuant to 36 CFR Part 214, as amended. Revocation and suspension of this easement are subject to administrative appeal pursuant to 7 CFR Part 1, Subpart H, as amended. Revocation or suspension of this easement shall not give rise to any claim for damages by the grantee against the grantor.

D. TERMINATION. This easement shall terminate when by its terms a fixed or agreed upon condition, event, or time occurs without any action by the authorized officer. For example, this easement terminates upon expiration or upon the written agreement of the grantor and the grantee. Termination of this easement shall not require notice, a decision document, or any environmental analysis or other documentation. Termination of this easement is not subject to administrative appeal and shall not give rise to any claim for damages by the grantee against the grantor.

E. RIGHTS AND RESPONSIBILITIES UPON REVOCATION OR TERMINATION WITHOUT ISSUANCE OF A NEW EASEMENT. Upon revocation of this easement or termination of this easement

without issuance of a new easement, the authorized officer, after consultation with other affected agencies, has the discretion to require the grantee to sell or remove all structures and improvements in the easement area, except those owned by the United States, within a reasonable period prescribed by the authorized officer and to restore the easement area to the satisfaction of the authorized officer. If the grantee fails to sell or remove all structures or improvements in the easement area within the prescribed period, they shall become the property of the United States and may be sold, destroyed, or otherwise disposed of without any liability to the United States. However, the grantee shall remain liable for all costs associated with their removal, including costs of sale and impoundment, cleanup, and restoration of the easement area.

F. CONTINUATION OF OBLIGATIONS AND LIABILITIES BEYOND TERMINATION OR REVOCATION. Notwithstanding the termination or revocation of this easement, its terms and conditions shall remain in effect and shall be binding on the grantee and the grantee's personal representative, successors, and assignees until all the grantee's obligations and liabilities accruing before or as a result of termination or revocation of this easement have been satisfied.

VIII. MISCELLANEOUS PROVISIONS

A. MEMBERS OF CONGRESS. No member of or delegate to Congress or resident commissioner shall benefit from this easement either directly or indirectly, except to the extent the authorized use provides a general benefit to a corporation.

B. CURRENT ADDRESSES. The grantor and the grantee shall keep each other informed of current mailing addresses, including those necessary for payment of land use fees.

<USER NOTES FOR CLAUSE VIII.C>

<Include the following clause VIII.C for easements that are superseding an authorization. Delete the remaining clause VIII.C.>

C. SUPERSEDED AUTHORIZATION. This easement supersedes an authorization designated [name or authorization ID], dated _____.

<Include the following clause VIII.C when the powerline facilities have been severed from a FERC license. Delete the remaining clause VIII.C.>

C. SEVERENCE FROM A FEDERAL ENERGY REGULATORY COMMISSION LICENSE. Per a decision issued by the Federal Energy Regulatory Commission, the powerline facilities have been severed from Federal Energy Regulatory Commission license [license number], dated _____.

D. SUPERIOR CLAUSES. If there is any conflict between any of the preceding printed clauses and any of the following clauses, the preceding printed clauses shall control.

<If necessary, add clauses to address site-specific circumstances.>

THIS EASEMENT IS GRANTED SUBJECT TO ALL ITS TERMS AND CONDITIONS.

BEFORE ANY EASEMENT IS GRANTED TO AN ENTITY, DOCUMENTATION MUST BE PROVIDED TO THE AUTHORIZED OFFICER OF THE AUTHORITY OF THE SIGNATORY FOR THE ENTITY TO BIND IT TO THE TERMS AND CONDITIONS OF THE EASEMENT.

On [date], I, the grantee, have read, understood, and accepted the terms and conditions of the easement.

GRANTEE NAME, PRECEDED BY NAME AND TITLE OF PERSON SIGNING ON BEHALF OF GRANTEE, IF GRANTEE IS AN ENTITY	SIGNATURE	DATE
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STATE OF [_____] COUNTY

On [date], the United States, through the United States Department of Agriculture, Forest Service, has executed the easement pursuant to delegations of authority in 7 CFR 2.60(a)(2), 36 CFR 251.52, and FSM.2733.04a and 2733.04b, paragraph 1.

UNITED STATES

NAME AND TITLE OF AUTHORIZED OFFICER	SIGNATURE	DATE
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STATE OF [_____] COUNTY

On [date], before me, a notary public in the State of [_____] , personally appeared [name of grantor], known to me to be the person who signed the easement as the grantor.

Notary Public for the State of [_____] My commission expires [_____]

<Attach operating plan, maps, and other appendices.>

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond, to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0596-0082. Response to this collection of information is mandatory. The authority to collect the information is the Organic Administration Act, 16 U.S.C. 551. The time required to complete this information collection is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

In accordance with Federal civil rights law and U.S. Department of Agriculture (USDA) civil rights regulations and policies, the USDA, its Agencies, offices, and employees, and institutions participating in or administering USDA programs are prohibited from discriminating based on race, color, national origin, religion, sex, gender identity (including gender expression), sexual orientation, disability, age, marital status, family/parental status, income derived from a public assistance program, political beliefs, or reprisal or retaliation for prior civil rights activity, in any program or activity conducted or funded by USDA (not all bases apply to all programs). Remedies and complaint filing deadlines vary by program or incident.

Persons with disabilities who require alternative means of communication for program information (e.g., Braille, large print, audiotape, American Sign Language, etc.) should contact the responsible agency or USDA's TARGET Center at (202) 720-2600 (voice and TTY) or contact USDA through the Federal Relay Service at (800) 877-8339. Additionally, program information may be made available in languages other than English.

To file a program discrimination complaint, complete the USDA Program Discrimination Complaint Form, AD-3027, found online at How to File a Program Discrimination Complaint and at any USDA office or write a letter addressed to USDA and provide in the letter all of the information requested in the form. To request a copy of the complaint form, call (866) 632-9992. Submit your

completed form or letter to USDA by: (1) mail: U.S. Department of Agriculture, Office of the Assistant Secretary for Civil Rights, 1400 Independence Avenue, SW, Washington, D.C. 20250-9410; (2) fax: (202) 690-7442; or (3) email: program.intake@usda.gov.

USDA is an equal opportunity provider, employer, and lender.

The Privacy Act of 1974, 5 U.S.C. 552a, and the Freedom of Information Act, 5 U.S.C. 552, govern the confidentiality to be provided for information received by the Forest Service.

APPENDIX A

DEFINITIONS

The following definitions apply to this easement and all its appendices.

A. Powerline Facility Infrastructure

1. Conductor. Cable or wire that transmits electricity.
2. Linear Right-of-Way. An authorized right-of-way for a linear facility such as a road, trail, pipeline, powerline facility, fence, water transmission facility, or fiber optic cable, whose linear boundary is delineated by its legal description.
3. Powerline Facility. One or more electric distribution or transmission lines authorized by a special use authorization, and all appurtenances to those lines supporting conductors of one or more electric circuits of any voltage for the transmission of electric energy, overhead ground wires, and communications equipment that is owned by the grantee; that solely supports operation and maintenance of the electric distribution or transmission lines; and that is not leased to other parties for communications uses that serve other purposes.

B. Powerline Facility Maintenance

1. Emergency Maintenance. Immediate repair or replacement of any component of a powerline facility that is necessary to prevent imminent loss, or to redress the loss, of electric service due to equipment failure in accordance with applicable reliability and safety standards and as identified in an approved operating plan or agreement.
2. Non-Routine Maintenance. Realigning, upgrading, rebuilding, or replacing an entire powerline facility or any segment thereof, including reconductoring, as identified in an approved operating plan or agreement.
 - (a) Realignment. Moving structures and associated supported cables outside the linear alignment for a powerline facility due to environmental conditions (see clause II.C of the easement).
 - (b) Rebuild. Replacement of existing cables as well as the majority of structures typically in the same linear alignment.
 - (c) Re-conductor. Replacement of existing conductor and other cables as applicable, where only very few structures are replaced, moved, or raised.
 - (d) Upgrade. Increasing the transfer capability of an existing powerline facility, which may also include a few structure replacements, adding intermediate structures or raising one or more structures, or ground removal to ensure conductor clearance.
3. Routine Maintenance. Repair or replacement of any component of a powerline facility due to ordinary wear and tear, such as repair of broken strands of conductors and overhead ground wire; replacement of hardware (e.g., insulator assembly) and accessories; maintenance of counterpoise, vibration dampers, and grading rings; scheduled replacement of decayed and deteriorated wood poles; and aerial or ground patrols to perform observations, conduct inspections, correct problems, and document conditions to provide for operation in accordance with applicable reliability and safety standards and as identified in an approved operating plan or agreement.

C. Vegetation Management

1. Emergency Vegetation Management. Unplanned pruning or felling of vegetation on National Forest

System lands within the linear right-of-way for a powerline facility and unplanned pruning or felling of hazard trees on National Forest System lands adjacent to either side of the linear right-of-way that have contacted or present an imminent danger of contacting the powerline facility to avoid the disruption of electric service or to eliminate an immediate fire or safety hazard.

2. Flashover. An electric discharge over or around the surface of an insulated conductor that may result in fire through the ignition of surrounding objects.

3. Hazard Tree. For purposes of vegetation management for a powerline facility, any tree, brush, shrub, other plant, or part thereof, hereinafter "vegetation" (whether located on National Forest System lands inside or outside the linear right-of-way for the powerline facility), that has been designated, prior to failure, by a certified or licensed arborist, qualified vegetation management specialist, or forester under the supervision of the grantee to be:

(a) Dead; likely to die or fail before the next routine vegetation management cycle; or in a position that, under geographical or atmospheric conditions, could cause the vegetation to fall, sway, or grow into the powerline facility before the next routine vegetation management cycle; and

(b) Likely to cause substantial damage to the powerline facility; disrupt powerline facility service; come within 10 feet of the powerline facility; or come within the MVCD as determined in accordance with applicable reliability and safety standards and as identified in the special use authorization for the powerline facility and the associated approved operating plan or agreement.

4. Maximum Operating Sag. The theoretical position of a conductor when operating at 100 degrees Celsius, which must be accounted for when determining the MVCD.

5. Minimum Vegetation Clearance Distance (MVCD). A calculated minimum distance that is stated in feet or meters to prevent flashover between conductors and vegetation for various altitudes and operating voltages and that is measured from a conductor at maximum operating sag to vegetation on National Forest System lands within the linear right-of-way for a powerline facility and on National Forest System lands adjacent to either side of the linear right-of-way for a powerline facility for purposes of felling or pruning hazard trees, which the grantee uses to determine whether vegetation poses a system reliability hazard to the powerline facility.

6. Non-Emergency (Routine) Vegetation Management. Planned actions as described in an approved operating plan or agreement periodically taken to fell or prune vegetation on National Forest System lands within the linear right-of-way for a powerline facility and on National Forest System lands adjacent to either side of the linear right-of-way for a powerline facility to fell or prune hazard trees to ensure normal powerline facility operations and to prevent wildfire in accordance with applicable reliability and safety standards and as identified in an approved operating plan or agreement.

D. Roads and Trails

1. Access Road or Trail. For purposes of this easement, a road or trail constructed, operated, and maintained by an owner or operator that is necessary to access a powerline facility or its linear right-of-way.

2. Road or Trail Construction. Building a road or trail where no road or trail has previously existed.

3. Road or Trail Reconstruction. Rebuilding an existing road or trail to increase its capacity, upgrade drainage crossings, or provide improved access, which may involve increasing the road or trail prism.

4. Road or Trail Maintenance. The upkeep of an entire road or trail within the existing road or trail prism, including surface and shoulders, parking and side areas, structures, and traffic control devices, that is necessary to maintain or restore the road or trail in accordance with its original design standards.

APPENDIX B

MAPS AND LEGAL DESCRIPTION; SURVEYS, PLATS, SITE PLANS, AND ENGINEERING DRAWINGS OF THE EASEMENT AREA; AND MVCD FOR EACH POWERLINE FACILITY

APPENDIX C

**LIST AND LOCATION OF ACCESS ROADS AND TRAILS AND
NATIONAL FOREST SYSTEM ROADS AND NATIONAL FOREST SYSTEM TRAILS
USED BY THE GRANTEE**

APPENDIX D
OPERATING PLAN OR AGREEMENT

APPENDIX E

**LIST AND LOCATION OF ANCILLARY STRUCTURES OTHER THAN
ROADS, TOWERS, POLES, AND LINES**