

primary feathers

also called **primaries**. The ten outermost flight feathers of the wing that meet at the wrist to form the “hand” of the wing.

problem pole

a pole used by birds (usually for perching, nesting, or roosting) that has electrocuted birds or has a high electrocution risk.

raptor

bird of prey. Raptors are members of the orders Falconiformes (diurnal raptors) and Strigiformes (owls). Raptors have a sharp hooked bill and sharp talons used for killing and eating prey.

raptor-safe

see **avian-safe**

retrofitting

the modification of an existing electrical power line structure to make it avian-safe.

ridge pin

the support bracket for an insulator that is attached to the top of a pole with two or more bolts and supports energized or grounded conductors, depending on the power line design.

rights-of-way (ROW)

the strip of land that has been acquired by an agreement between two or more parties for the purpose of constructing and maintaining a utility easement.

sectionalize

refers to the practice of isolating an energy source from a load. It is sometimes necessary to isolate electric systems (using switches) for operations and maintenance.

separation

the physical distance between conductors and/or grounds from one another.

site-tenacity

strongly attached or drawn to a chosen location.

still-hunting

the practice of hunting from a perch, as opposed to hunting in flight.

structure

a pole or lattice assembly that supports electrical equipment for the transmission or distribution of electricity.

subadult

age(s) of a bird between juvenile and adult.

substation

a transitional point (where voltage is increased or decreased) in the transmission and distribution system.

switch

an electrical device used to sectionalize electrical energy sources.

tension member

the tower member on steel lattice towers that supports the crossarm from the topside.

transformer

a device used to increase or decrease voltage.

transmission line

power lines designed and constructed to support voltages >60 kV.



trust resource

wildlife, such as migratory birds, that are held in the public trust and managed and protected by federal and state agencies. These trust agencies are designated by statute and regulations as responsible for upholding the protection, conservation, and management of these resources.

underbuild

refers to a circuit that is placed on the same pole but underneath another circuit of a higher voltage. The lower circuit is often referred to as the underbuilt circuit.

volt

the measure of electrical potential.

voltage

electromotive force expressed in volts.

wrist

joint toward the middle of the leading edge of the wing. The skin covering the wrist is the outermost fleshy part on a bird's wing.





APPENDIX E

List of Acronyms

APLIC	Avian Power Line Interaction Committee	ITP	Incidental Take Permit
APP	Avian Protection Plan	MBTA	Migratory Bird Treaty Act
BGEPA	Bald and Golden Eagle Protection Act	MLEA	Moon Lake Electric Association
BIA	Bureau of Indian Affairs	MOU	Memorandum of Understanding
BLM	Bureau of Land Management	NESC	National Electric Safety Code
BSPB	Bulgarian Society for the Protection of Birds	NGO	Non-governmental organization
CFE	Comisión Federal de Electricidad	NMFS	National Marine Fisheries Service
CFR	Code of Federal Regulations	NPS	National Park Service
EEI	Edison Electric Institute	NRECA	National Rural Electric Cooperative Association
EPRI	Electric Power Research Institute	NWCC	National Wind Coordinating Committee
ESA	Endangered Species Act	REA	Rural Electrification Association
EWT	Endangered Wildlife Trust	ROW	Rights-of-way
FERC	Federal Energy Regulatory Commission	RUS	Rural Utilities Service
GIS	Geographical Information System	USC	United States Code
HCP	Habitat Conservation Plan	USFS	United States Forest Service
IBA	Important Bird Area	USFWS	United States Fish and Wildlife Service
IEEE	Institute of Electrical and Electronics Engineers	USGS	United States Geological Survey



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Power
Line
Interaction
Committee