APPENDIX E:

FEDERAL AND STATE REGULATORY REQUIREMENTS POTENTIALLY APPLICABLE TO WIND ENERGY PROJECTS

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The tables that follow list the major federal and state laws, Executive Orders, and other compliance instruments that establish permits, approvals, or consultations that may apply to the construction and operation of a wind energy project on Bureau of Land Management (BLM)-administered lands. The general application of these federal and state authorities and other regulatory considerations associated with such construction and operation are discussed in Chapter 3.

The tables are divided into general environmental impact categories. The citations in the tables are those of the general statutory authority that governs the indicated category of activities to be undertaken under the proposed action and alternatives. Under such statutory authority, the lead federal or state agency may have promulgated implementing regulations that set forth the detailed procedures for permitting and compliance.

Definitions of abbreviations used in the tables are provided here.

ARS Arizona Revised Statutes

CRS Colorado Revised Statues

CFR Code of Federal Regulations

IC Idaho Code

MCA Montana Code Annotated

NMSA New Mexico Statutes Annotated

NRS Nevada Revised Statutes
ORS Oregon Revised Statutes

RCW Revised Code of Washington

UCA Utah Code Annotated

USC United States Code

WS Wyoming Statutes

TABLE E-1 Wind Energy Project Siting

Authority	Citation
Federal	No primary statutory authority
Arizona	No primary statutory authority
California	 Public Resources Code, Division 13, § 21000 et seq. Public Resources Code, Division 15, Chapter 6, Power Facility and Site Certification, § 25500 et seq. Public Resources Code, Division 15, Chapter 8, § 25743, Development of new in-state renewable electricity generation facilities Government Code, Division 1, Chapter 4, Article 2.11, Wind Energy, § 65892.13 et seq.
Colorado	Local government regulation — location, construction, or improvement of major electrical or natural gas facilities — legislative declaration (CRS 29-20-108)
Idaho	No primary statutory authority
Montana	 Montana Environmental Policy Act (MCA 75-1-101 et seq.) Major Facility Siting (MCA 75-20-101 et seq.) Wind Energy Easement (MCA 70-17-303)
Nevada	Construction of Utility Facilities; Utility Environmental Protection Act (NRS 704.820 et seq.)
New Mexico	No primary statutory authority
Oregon	Regulation of Energy Facilities, Energy Facility Siting Council (ORS 469.300-469.520)
Utah	Electrical Facility Review Board Act (UCA 54-14-10 et seq.)
Washington	 State Environmental Policy Act (RCW 43.21 C.010 et seq.) Washington Energy Facility Site Evaluation Council (RCW 80.50.010 et seq.)
Wyoming	Industrial Development Information and Siting Act (WS 35-12-101 et seq.)

TABLE E-2 Land Use

Authority	Citation
Federal	 Federal Land Policy and Management Act of 1976 (43 USC 1701 et seq.) BLM Right-of-Way Regulation (43 CFR 2800) Coastal Zone Management Act (16 USC 1451 et seq.) Coastal Zone Act Reauthorization Amendments of 1990 (16 USC 1456 (c)(3)(A)) Wild and Scenic Rivers Act (16 USC 1271 et seq.) Farmland Protection and Policy Act (7 USC 4201 et seq.) Soil and Water Conservation Act of 1977 (16 USC 2001 et seq.) Structures Interfering with Air Commerce (49 USC 44718) Objects Affecting Navigable Airspace (14 CFR 77) Federal Aviation Administration, Advisory Circular 70/7460-2K, March 1, 2000 Oregon and California Grant Lands Act of 1937 (43 USC 1181 a, b, d-f) The Northwest Forest Plan
Arizona	No primary statutory authority
California	 Public Resources Code, Division 5, Wild and Scenic Rivers Act, § 5093.50-5093.70 Public Resources Code, Division 25, Coastal Resources and Energy Assistance, § 35000 et seq.
Colorado	Areas and Activities of State Interest (CRS 24-65.101 et seq.; CRS 24-65.1-101)
Idaho	Local Land Use Planning Act (IC 67-6501 et seq.)
Montana	 Land Use Regulations (MCA 76-15-701 et seq.) Wild and Scenic Resources (MCA 76-12-101 et seq.) Timber Resources (MCA 76-13-101 et seq.) Rangeland Resources (MCA 76-14-101 et seq.)
Nevada	Conservation; Regulations for Use of Land (NRS 548.410 et seq.)
New Mexico	No primary statutory authority
Oregon	Comprehensive Land Use Planning Coordination, Statewide Planning Goals and Guidelines (including Oregon Ocean-Coastal Management Program; Agricultural Lands; Open Spaces, Scenic and Historic Areas, and Natural Resources; and Air, Water and Land Resources) (ORS 197.005 et seq.)
Utah	No primary statutory authority
Washington	 Shoreline Management Act of 1971 (RCW 90.58.010 et seq.) Wetland Mitigation Banking (RCW 90.84.005 et seq.)
Wyoming	Wyoming Environmental Quality Act (WS 35-11-101 et seq.)

TABLE E-3 Floodplains and Wetlands

Authority	Citation
Federal	 Clean Water Act (33 USC 1344) Rivers and Harbors Act of 1899 (33 USC 401 et seq.) Executive Order 11988, "Floodplain Management," May 21, 1977 Executive Order 11990, "Protection of Wetlands," May 24, 1977
Arizona	Floodplain delineation; regulation of use (ARS 48-3609)
California	 Public Resources Code, Chapter 7, Wetlands Preservation (Keene-Nejedly California Wetlands Preservation Act), § 5810 et seq. Water Code, Division 5, Cobey-Alquist Flood Plain Management Act, § 8400 et seq.
Colorado	Areas and Activities of State Interest (CRS 24-65.1-101 et seq.; CRS 24-65.1-202) Local Government Land Use Control Enabling Act (CRS 29-20-104)
Idaho	Local governments may adopt floodplain zoning ordinances (IC 46-1022)
Montana	 Aquatic Ecosystem Protections (MCA 75-7-101 et seq.) Flood Plain and Floodway Management (MCA 76-5-101 et seq.)
Nevada	Planning and Zoning, Contents of Regional Plans (NRS 278.0274)
New Mexico	Powers of Municipalities, Additional County and Municipal Powers; Flood and Mudslides Hazard Areas; Floodplain Permits; Land Use Control; Jurisdiction; Agreement (3-18-7(C) NMSA 1978)
Oregon	 Wetlands Conservation (ORS 196.600 et seq.) Removal of Material and Fill (ORS 196.795)
Utah	Quality Growth Act of 1999 (UCA 11-38-101 et seq.)
Washington	 Wetlands Mitigation Banking (RCW 90.84.005 et seq.) Floodplain Management (Chapter 86.16, RCW)
Wyoming	Water Quality (WS 35-11-301 et seq.)

TABLE E-4 Water Bodies and Wastewater

Authority	Citation
Federal	Clean Water Act (33 USC 1251 et seq.)
Arizona	Water Quality Control (ARS 49-201 et seq.)
California	Water Code, Division 7, Water Quality, § 13000 et seq.
Colorado	Water Quality Control (CRS 25-8-101 et seq.)
Idaho	Water Quality (IC 39-3601 et seq.)
Montana	Water Quality (MCA 75-5-101 et seq.)
Nevada	Water Controls; Water Pollution Controls (NRS 445A.300 et seq.)
New Mexico	Water Quality (74-6-1 NMSA 1978 et seq.)
Oregon	 Water Quality, Water Pollution Control (ORS 468B.005 et seq.) Sewage Treatment and Disposal Systems (ORS 454.010 et seq.)
Utah	Water Quality Act (UCA 19-5-101 et seq.)
Washington	 Domestic Wastewater Treatment Plants — Operators (RCW 70.95B010 et seq.) On-site Sewage Disposal Systems (RCW 70.118.010 et seq.) Water Pollution Control (RCW 90.48.010 et seq.)
Wyoming	Water Quality (WS 35-11-301 et seq.)

TABLE E-5 Groundwater, Drinking Water, and Water Rights

Authority	Citation
Federal	Safe Drinking Water Act (42 USC 300(f) et seq.)
Arizona	Water Quality Control (ARS 49-201 et seq., 49-241 et seq., 49-255 et seq., 49-351 et seq., 45-151 et seq.)
California	 Health and Safety Code, Division 104, California Safe Drinking Water Act, § 116270 Water Code, Division 2, Water, § 1000 et seq.
Colorado	 Water Quality Control (CRS 25-8-101 et seq.) Water Rights and Irrigation (CRS 37-92-501 et seq.)
Idaho	 Groundwater Recharge (IC 42-4201) Irrigation and Drainage — Water Rights and Reclamation (IC 42-101, et seq.) Domestic Water and Ice (IC 37-2102) State Policy on Environmental Protection (IC 39-102)
Montana	 Water Use (MCA 85-2-101 et seq.) Public Water Supplies, Distribution, and Treatment (MCA 75-6-101 et seq.)
Nevada	 Underground Water and Wells (NRS 534.010 et seq.) Water Controls; Public Water Systems (NRS 445A.800 et seq.)
New Mexico	Compliance with the Federal Safe Drinking Water Act (74-1-12 NMSA 1978)
Oregon	 Oregon Drinking Water Quality Act of 1981 (ORS 448.115-448.990) Water Quality, Pollution Prevention Control (Groundwater) (ORS 468B.150 et. seq.) Water Resources Administration (ORS 536.220 et seq.)
Utah	 Safe Drinking Water Act (UCA 19-4-101 et seq.) Water & Irrigation (UCA 73-1-1 et seq.)
Washington	 Water Code (RCW 90.03.005 et seq.) Regulation of Public Ground Water (RCW 90.44.020 et seq.)
Wyoming	 Water Rights; Administration and Control (WS 41-3-101 et seq.) Water Quality (WS 35-11-301 et seq.)

TABLE E-6 Source Water Protection

Authority	Citation
Federal	Safe Drinking Water Act, Protection of Underground Sources of Drinking Water (42 USC 300h-7)
Arizona	Aquifer Protection Permits (ARS 49-241 et seq.)
California	 Water Supply, Division 104, § 116975 et seq. Water Code, Division 7, § 13751 et seq. Areas and Activities of State Interest (CRS 24-65.1-204)
Colorado	Water Quality Control (CRS 25-8-101 et seq.)
Idaho	Groundwater Recharge (IC 42-4201)
Montana	Montana Wellhead Protection Program (MCA 75-6-120)
Nevada	Underground Water and Wells (NRS 534.010 et seq.)
New Mexico	No primary statutory authority
Oregon	Water Pollution Control (Groundwater) (ORS 468B.167 et seq.)
Utah	Utah Water Quality Act (UCA 19-5-101 et seq.)
Washington	No primary statutory authority
Wyoming	Protection of Public Water Supply (WS 35-4-201 et seq.)

TABLE E-7 Cultural Resources

Authority	Citation
Federal	 Executive Order 13007, "Indian Sacred Sites," May 24, 1996 Executive Order 13175, "Consultation and Coordination with Indian Tribal Governments," Nov. 9, 2000 Native American Graves Protection and Repatriation Act (25 USC 3001) American Indian Religious Freedom Act (42 USC 1996) Archeological Resources Protection Act (16 USC 470(aa) et seq.) Archaeological and Historic Preservation Act (16 USC 469a et seq.) Antiquities Act (16 USC 431 et seq.) National Historic Preservation Act (16 USC 470 et seq.) Theft of Government Property (62 Stat. 764; 19 USC 1361) Executive Order 11593, "Protection and Enhancement of the Cultural Environment," May 15, 1971
Arizona	 Duties, board; partnership fund; state historic preservation officer (ARS 41-511.04) Arizona Historical Society; powers; officers; duties of board of directors (ARS 41-821 et seq.) Historic Preservation (ARS 41-861 et seq.) Archeological Discoveries (ARS 41-841 et seq.)
California	Public Resources Code, Division 5, Historical Resources, § 5020 et seq.
Colorado	 Historical, Prehistorical, and Archeological Resources (CRS 24-80-401 et seq.) Unmarked Human Graves (CRS 24-80-1302 et seq.)
Idaho	 Idaho Archaeological Survey (IC 33-3901 et seq.) Protection of Graves (IC 27-501 et seq.) Preservation of Historic Sites (IC 67-4601 et seq.)
Montana	Antiquities (MCA 22-3-101)
Nevada	Historic Preservation and Archeology (NRS 383.011 et seq.)
New Mexico	Cultural Properties Act (18-6-3 NMSA 1978)
Oregon	 Historical Properties (ORS 358.475 et seq.) Indian Graves and Protected Objects (ORS 97.740 et seq.)
Utah	 History Development (UCA 9-8-102 et seq.) Native American Grave Protection and Repatriation Act (UCA 9-9-401 et seq.)
Washington	 Archaeological Sites and Resources (Chapter 27.53, RCW) Indian Graves and Records (Chapter 27.44, RCW) State Historical Societies — Historic Preservation (Chapter 27.34, RCW)
Wyoming	Antiquities Act (WS 36-1-114 through 36-1-116)

TABLE E-8 Wildlife

Authority	Citation
Federal	 Bald and Golden Eagle Protection Act (16 USC 668) Migratory Bird Treaty Act (16 USC § 703) Endangered Species Act (16 USC 1531 et seq.) Wild Free-Roaming Horse and Burro Act of 1971 (Public Law 92-195) Executive Order 13112, "Invasive Species," February 3, 1999 Executive Order 13186, "Responsibilities of Federal Agencies to Protect Migratory Birds," February 10, 2001
Arizona	 Powers and Duties (ARS 17-231 et seq.) Taking and Handling of Wildlife (ARS 17-301 et seq.) Wildlife Habitat Protection (ARS 17-451)
California	 Fish and Game Code, Division 3, Chapter 1.5, Endangered Species, § 2050 et seq. Fish and Game Code, Division 5, Protected Reptiles and Amphibians, § 5000 et seq.
Colorado	 Non-game, Endangered, or Threatened Species Conservation Act (CRS 33-2-101 et seq.) Migratory Birds — Possession of Raptors — Reciprocal Agreements — Reports to General Assembly (CRS 33-1-115) Colorado Natural Areas (CRS 33-33-101 et seq.) Protection of Fishing Streams (CRS 33-5-101 et seq.)
Idaho	Species Conservation (IC 36-2401 et seq.)
Montana	Wildlife Protection (MCA 87-5-101 et seq.)
Nevada	Wildlife (NRS 501.002 et seq.)
New Mexico	 Wildlife Conservation Act (17-2-46 NMSA 1978 Endangered Plant Species (75-6-1 NMSA 1978) Habitat Protection (17-6-1 NMSA 1978 et seq.)
Oregon	 Threatened and Endangered Wildlife Species (ORS 496.171 et seq.) Wildflowers; Threatened and Endangered Plants (ORS 564.010 et seq.) General Protective Regulations, Commercial Fishing and Fisheries, Fish Passage; Fishways; Screening Devices; Hatcheries near Dams (ORS 509.580 et seq.) Hunting, Angling, and Trapping Regulations; Wildlife Protective Provisions (ORS 498.002 et seq.)
Utah	Wildlife Resources Code of Utah (UCA 23-13-1 et seq.)
Washington	Protection of Bald Eagles and Their Habitats (RCW 77.12.650-655)
Wyoming	 Bird and Animal Provisions (WS 23-3-101 et seq.) Predatory Animals; Control Generally (WS 11-6-101 et seq.)

TABLE E-9 Air Quality

Authority	Citation
Federal	Clean Air Act (42 USC 7401 et seq.)
Arizona	Air Quality (ARS 49-401 et seq.)
California	Health and Safety Code, Division 26, Air Resources, § 39000 et seq.
Colorado	Air Quality Control (CRS 25-7-101 et seq.)
Idaho	 Registration of Persons Engaged in Operations or Construction Where Air Pollution Is a Factor (IC 39-110) Pollution Source Permits (IC 39-115) Relationship to Federal Law (IC 39-118B)
Montana	Air Quality (MCA 75-2-101 et seq.)
Nevada	Air Pollution (NRS 445B.100 et seq.)
New Mexico	 Environmental Improvement Act (74-1-1 NMSA 1978 et seq.) Air Quality Control Act (74-1-1 NMSA 1978 et seq.)
Oregon	Air Quality (ORS 468A.005 et seq.)
Utah	Air Conservation Act (UCA 19-2-101 et seq.)
Washington	Washington Clean Air Act (Chapter 70.94, RCW)
Wyoming	Air Quality (WS 35-11-201 et seq.)

TABLE E-10 Noise

Authority	Citation
Federal	Noise Control Act, as amended by the Quiet Communities Act (42 USC 4901 et seq.)
Arizona	No primary statutory authority
California	Health and Safety Code, Division 28, Noise Control Act, § 46000 et seq.
Colorado	Noise Abatement (CRS 25-12-101 et seq.)
Idaho	No primary statutory authority
Montana	No primary statutory authority
Nevada	Prevention of Excessive Noise (NRS 244.363)
New Mexico	No primary statutory authority
Oregon	Noise Control (ORS 467.010 et seq.)
Utah	No primary statutory authority
Washington	Noise Control (RCW 70.07.010 et seq.)
Wyoming	No primary statutory authority

TABLE E-11 Hazardous Materials

Authority	Citation
Federal	 Hazardous Materials Transportation Law (49 USC 5101-5127) Emergency Planning and Community Right-to-Know Act of 1986, as extended to federal facilities by Executive Order 12856, August 3, 1993 Oil Pollution Control Act (33 USC 2701 et seq.) Pollution Prevention Act of 1990 (42 USC 13101 et seq.)
Arizona	Emergency Planning and Community Right-to-Know Act (ARS 26-341 et seq.)
California	 Health and Safety Code, Division 20, Chapter 6.11, Unified Hazardous Waste and Hazardous Materials Management and Regulatory Program, § 25404 et seq. Health and Safety Code, Division 20, Chapter 6.6, Safe Drinking Water and Toxics Enforcement Act of 1986 (Proposition 65), § 25249.5 et seq. Health and Safety Code, Division 20, Chapter 6.95, Hazardous Materials Release Response Plans and Inventory, § 25500 et seq.
Colorado	 Implementation of Title III of Superfund Act (CRS 24-32-2601 et seq.) Hazardous Substances (CRS 25-5-501 et seq.)
Idaho	Hazardous Substances Emergency Response Act (IC 39-7101 et seq.)
Montana	Montana Response to Hazardous Material Incidents Act (MCA 10-3-1201 et seq.)
Nevada	Hazardous Materials; Regulation of Highly Hazardous Substances and Explosives (NRS 459.380 et seq.)
New Mexico	 Hazardous Chemicals Information Act (74-4E-1 NMSA 1978 et seq.) Hazardous Material Transportation (74-4F-1 NMSA 1978 et seq.)
Oregon	Hazardous Substances (ORS 453.001-453.527)
Utah	No primary statutory authority
Washington	Oil and Hazardous Substance Spill Prevention and Response (RCW 90.56.005 et seq.)
Wyoming	Water Pollution from Underground Storage Tanks Corrective Action Act of 1990 (WS 35-11-1414 et seq.)

TABLE E-12 Pesticides and Noxious Weeds

Authority	Citation
Federal	 Federal Insecticide, Fungicide, and Rodenticide Act (7 USC 136 et seq.) Noxious Weed Act of 1974 (7 USC 2801-2813), as amended by Section 15, Management of Undesirable Plants on Federal Lands 1990
Arizona	 Pesticide Contamination Prevention (ARS 49-301) Pesticides (ARS 3-341 et seq.) Pesticide Control (ARS 3-361 et seq.)
California	 Food and Agriculture Code, Division 7, Agricultural Chemicals, Livestock Remedies, and Commercial Feeds, § 12500 et seq. Food and Agriculture Code, Division 4, Weeds, § 7201 et seq.
Colorado	Pesticide Act (CRS 35-9-101 et seq.)
Idaho	 Application of Fertilizers and Pesticides (IC 39-127) Pesticides and Chemigation (IC 22-3401 et seq.) Noxious Weeds (IC 22-2401 et seq.)
Montana	 Pesticides (MCA 80-8-101 et seq.) Weed Control (MCA 80-7-701 et seq.)
Nevada	Control of Insects, Pests, and Noxious Weeds (NRS 555.005 et seq.)
New Mexico	Pesticide Control Act (76-4-1 NMSA 1978 et seq.)
Oregon	Pesticide Control (ORS 634.005 et seq.)
Utah	Utah Pesticide Control Act (UCA 4-14-1 et seq.)
Washington	Washington Pesticide Application Act (RCW 17.21.010 et seq.)
Wyoming	Wyoming Weed and Pest Control Act of 1973 (WS 11-5-1001 et seq.)

TABLE E-13 Solid Waste

Authority	Citation
Federal	Solid Waste Disposal Act (SWDA) (42 USC 6901 et seq.)
Arizona	Solid Waste Management (ARS 49-701 et seq.)
California	Public Resources Code, Division 30, Waste Management, § 40000 et seq.
Colorado	Solid Waste Disposal Sites and Facilities (CRS 30-20-100.5 et seq.)
Idaho	Idaho Solid Waste Facilities Act (IC 39-7401 et seq.)
Montana	Montana Solid Waste Management Act (MCA 75-10-201 et seq.)
Nevada	Sanitation; Collection and Disposal of Solid Waste (NRS 444.440 et seq.)
New Mexico	Solid Waste Act (74-9-1 NMSA 1978 et seq.)
Oregon	Solid Waste Management (ORS 459.005 et seq.)
Utah	Solid Waste Management Act (UCA 19-6-501 et seq.)
Washington	Solid Waste Management — Reduction and Recycling (RCW 70.95.010 et seq.)
Wyoming	Solid Waste Management (WS 35-11-501 et seq.)

TABLE E-14 Hazardous Waste and Polychlorinated Biphenyls (PCBs)

Authority	Citation
Federal	 Toxic Substances Control Act (15 USC 2605(e)) Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act (42 USC 6901 et seq.) and the Hazardous Solid Waste Amendments of 1984
Arizona	Hazardous Waste Disposal (ARS 49-901 et seq.)
California	Health and Safety Code, Division 20, Hazardous Waste Control, § 25100 et seq.
Colorado	Hazardous Waste (CRS 25-15-101 et seq.)
Idaho	 Hazardous Waste Management (IC 39-4401 et seq.) PCB Waste Disposal (IC 39-6201 et seq.)
Montana	Montana Hazardous Waste Act (MCA 75-10-401 et seq.)
Nevada	Hazardous Material; Disposal of Hazardous Waste (NRS 459.400 et seq.)
New Mexico	Hazardous Waste Act (74-4-1 through 74-4-14 NMSA 1978)
Oregon	 Hazardous Waste and Hazardous Materials I (ORS 465.005 et seq.) Hazardous Waste and Hazardous Materials II (ORS 466.005 et seq.)
Utah	Solid and Hazardous Waste Act (UCA 19-6-101 et seq.)
Washington	Hazardous Waste Management (RCW 70.105.005 et seq.)
Wyoming	Solid Waste Management (WS 35-11-503 and 35-11-516)